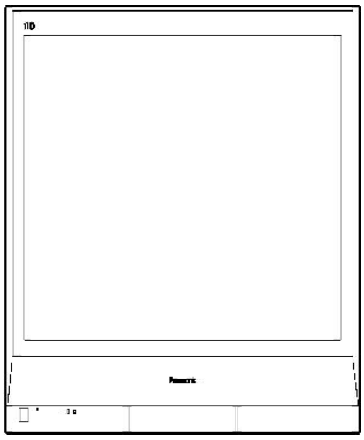
ORDER NO.ITD0603006CE

Service Manual

Plasma Television

TH-42PV60A / TH-42PV60H / TH-42PV60M / TH-42PV60MT

GP9DE Chassis

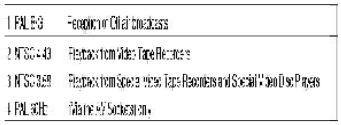


SPECIFICATIONS

Specifications

Power Source	AC 220-240 V, 50 / 60 Hz
Power Consumption	
Average use	341 W
Standby condition	0.3 W
Plasma Display panel	
Drive method	AC type
Aspect Ratio	16:9
Contrast Ratio	Max 10000:1
Visible screen size / (No. of pixels)	106 cmV 920 mm (W) × 518 mm (H) × 1,056 mm (diagonal) 786,432 (1,024 (W) × 768 (H)) [3,072 × 768 dots]
Sound	
Speaker	12 cm × 6 cm × 2 pcs, 8
Audio Output	20 W (10 W + 10 W), 10% THD
Headphones	M3 (3.5 mm) Jack × 1
PC signals	VGA, SVGA, XGA
	SXGA (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz

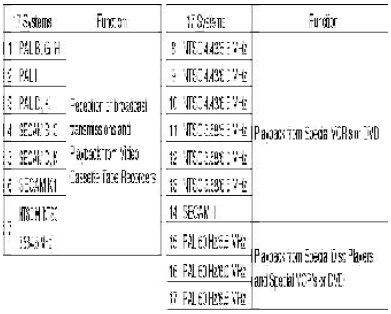
Receiving Systems / / Band name (PV60A)



Receiving Channels (PV60A)

VHF 0 to 12	**PAL B**	
UHF 21 to 69	**PAL G**	
S'1 to S'3	**HYPER TUNER**	
S1 to S41		**(One tuner)**

Receiving Systems / / Band name (PV60H/M/MT)



Receiving Channels / (Regular TV) (PV60H/M/MT)

VHF BAND	**UHF BAND**	**CATV**
2-12(PAL/SECAM B,K1)	**21-69(PAL,G,H,I/SECAM G,K,K1)**	**S1-S20(OSCAR)**
0-12(PAL B AUST.)	**28-69(PAL B AUST.)**	**1-125(USA CATV)**
1-9(PAL B N.Z.)	**13-57(PAL D,K)**	**C13-C49(JAPAN)**
1-12(PAL/SECAM D)	**13-62(NTSC M Japan)**	**S21-S41(HYPER)**
1-12(NTSC M Japan)	**14-69(NTSC M USA)**	**Z1-Z37(CHINA)**
2-13(NTSC M USA)		**5A,9A(AUST.)**

Aerial - Rear **VHF / UHF**

Operating Conditions **Temperature : 0 °C - 40 °C**

Humidity : 20 % - 80 % RH (non-condensing)

Connection Terminals

AV1 Input	**AUDIO L-R**	**RCA PIN Type × 2**	**0.5 V[rms]**
	VIDEO	**RCA PIN Type × 1**	**1.0 V[p-p] (75)**
	S VIDEO	**Mini DIN 4-pin**	**Y: 1.0 V[p-p] (75) C: 0.286 V[p-p] (75)**
AV2 Input	**AUDIO L-R**	**RCA PIN Type × 2**	**0.5 V[rms]**
	VIDEO	**RCA PIN Type × 1**	**1.0 V[p-p] (75)**
	COMPONENT	**Y**	**1.0 V[p-p] (including synchronization)**
		PB/CB, PR/CR	**±0.35 V[p-p]**
AV3 Input	**AUDIO L-R**	**RCA PIN Type × 2**	**0.5 V[rms]**
	VIDEO	**RCA PIN Type × 1**	**1.0 V[p-p] (75)**
	COMPONENT	**Y**	**1.0 V[p-p] (including synchronization)**
		PB/CB, PR/CR	**±0.35 V[p-p]**
AV4 Input	**AUDIO L-R**	**RCA PIN Type × 2**	**0.5 V[rms]**
	VIDEO	**RCA PIN Type × 1**	**1.0 V[p-p] (75)**
	S VIDEO	**Mini DIN 4-pin**	**Y: 1.0 V[p-p] (75) C: 0.286 V[p-p] (75)**
Others	**HDMI1/2 Input**	**TYPE A Connectors**	
	PC Input	**HIGH-DENSITY D-SUB 15PIN**	**R,G,B/0.7 V[p-p] (75)**
			HD,VD/TTL Level 2.0-5.0 V[p-p] (high impedance)
	Audio Input	**RCA PIN Type × 2**	**0.5 V[rms]**
Monitor Output	**AUDIO L-R**	**RCA PIN Type × 2**	**0.5 V[rms] (high impedance)**
	VIDEO	**RCA PIN Type × 1**	**1.0 V[p-p] (75)**

Dimensions (W × H × D)

1,020 mm × 705 mm × 95 mm

Weight

30.0 kg Net

Notes:

-Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

1. Applicable signals

* Mark: Applicable input signal for Component (Y, P_B/C_B, P_R/C_R), HDMI and PC (D-sub 15P)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component	HDMI	PC
525 (480)i / 60i	15.73	59.94	*	*	
525 (480)i / 60p	31.47	59.94	*	*	
625 (576)i / 50i	15.63	50.00	*	*	
625 (576)i / 50p	31.25	50.00	*	*	
750 (720)p / 60p	45.00	60.00	*	*	
750 (720)p / 50p	37.50	50.00	*	*	
1,125 (1,080)i / 60i	33.75	60.00	*	*	
1,125 (1,080)i / 50i	28.13	50.00	*	*	
640 x 400 @70 Hz	31.46	70.07			*
640 x 480 @60 Hz	31.47	59.94			*
640 x 480 @75 Hz	37.50	75.00			*
800 x 600 @60 Hz	37.88	60.32			*
800 x 600 @75 Hz	46.88	75.00			*
1,024 x 768 @60 Hz	48.36	60.00			*
1,024 x 768 @70 Hz	56.48	70.07			*
1,024 x 768 @75 Hz	60.02	75.03			*

2. Safety Precautions

2.1. General Guidelines

1. **When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.**
2. **After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.**
3. **After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.**

2.2. Touch-Current Check

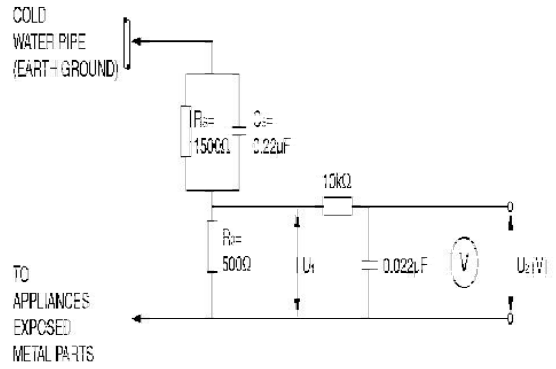
1. **Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.**
2. **Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.**
3. **Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.**
4. **Check each exposed metallic part, and measure the voltage at each point.**
5. **Reserve the AC plug in the AC outlet and repeat each of the above measure.**
6. **The potential at any point (TOUGH CURRENT) expressed as voltage U_1 and U_2, does not exceed the following values:**
   For a. c.: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);
   For d. c.: U_1 = 1.0 V,

Note:
The limit value of U_2 = 0.35 V (peak) for a. c. and U_1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.
The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.

7. **In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.**

Figure 1

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: > 1 MΩ
Input capacitance: ≤ 200 pF
Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

3. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

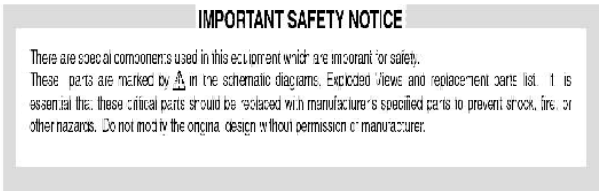
Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. **Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.**
2. **After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.**
3. **Use only a grounded-tip soldering iron to solder or unsolder ES devices.**
4. **Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.**
5. **Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.**

6. **Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).**
7. **Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.**

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. **Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).**


IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol stamped on the back of PCB.

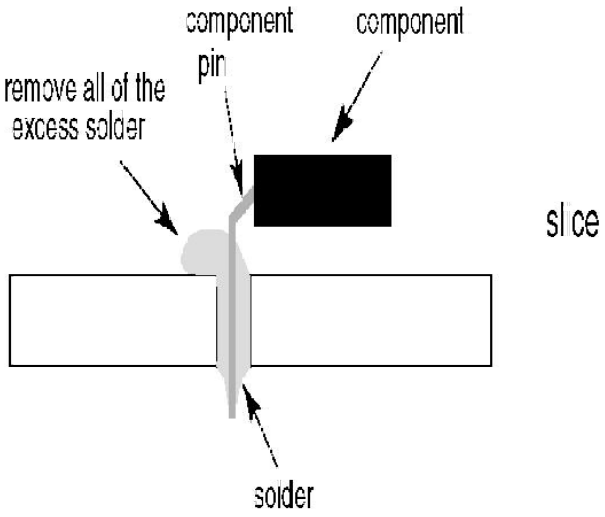
Caution

- **Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).**
- **Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).**

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not

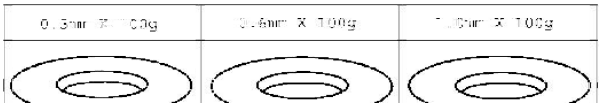
practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)

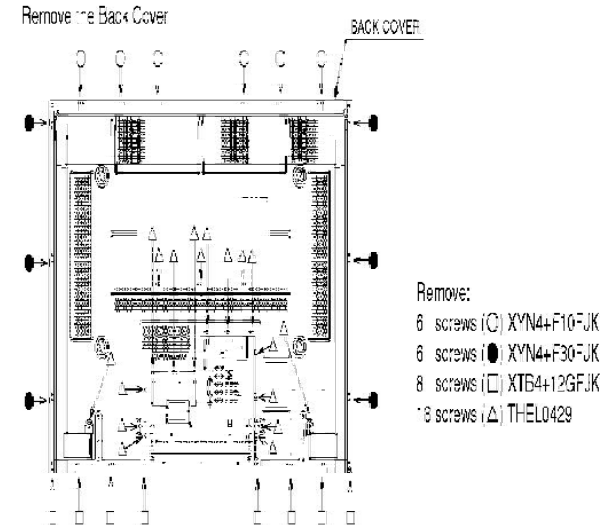


Suggested Pb free solder

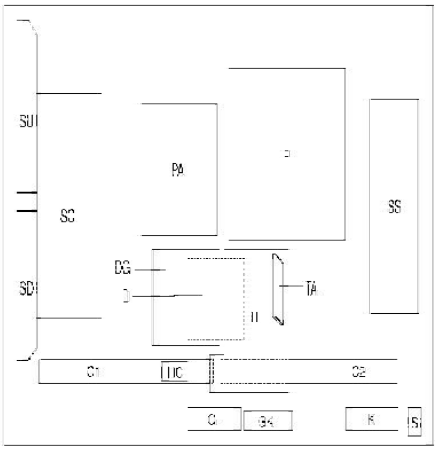
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



5. Service Hint



Service Position



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Lower Right)
PA	DC-DC Converter, Speaker out, Audio AMP, / Fan Control	C2	Data Driver (Lower Left)
		SC	Scan Drive
H	AV Terminal, AV Switch, MSP	SU	Scan out (Upper)
TA	Tuner	SD	Scan out (Lower)
DG	Digital Signal Processor, Micom, HDMI Interface	SS	Sustain Drive
D	Format Converter, Plasma AI, Sub-Field Processor	K	Remote receiver, Power LED
HC	Jig Connection	S	Power Switch
		G	Front Terminal
		GK	Key Switch

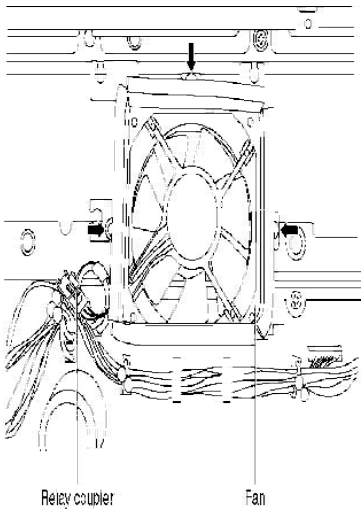
6. Plasma panel replacement method

6.1. Remove the Back cover

1. See Service Hint (Section 5)

6.2. Remove the fan

1. Disconnect the relay couplers.
2. Remove the screws (×3➡) and remove the fans.



6.3. Remove the tuner cover

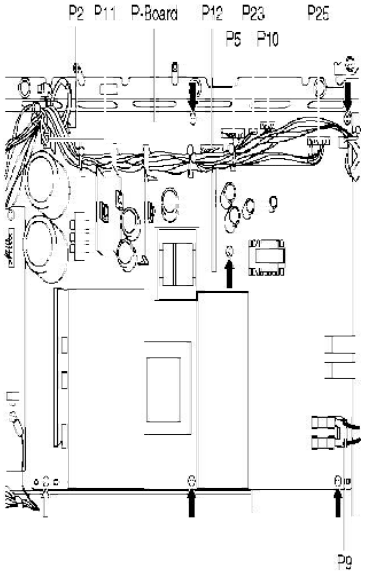
1. Remove the screws (×7➡, ×4⇨, ×2 , ×2).
2. Remove the tuner cover.

6.4. Remove the P-Board

Caution:

To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (P2, P5, P9, P10, P11, P12, P23, and P25).
3. Remove the screws (×5➡, ×1⇨) and remove the P-Board.

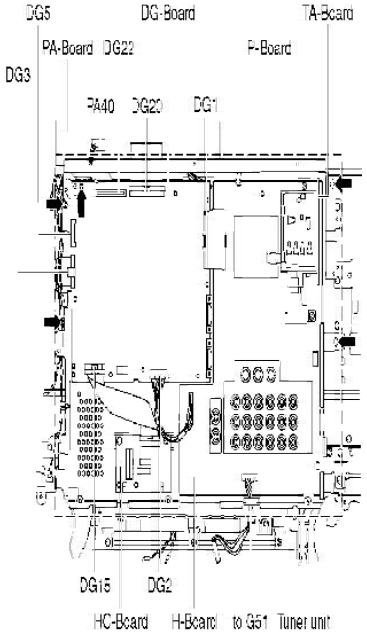


6.5. Remove the PA-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (PA2, PA5, PA10, PA31, PA32, PA33, PA34 and PA40).
3. Disconnect the flexible cable (PA20).
4. Remove the screws (×4) and remove the earth cable.
5. Remove the PA-Board.

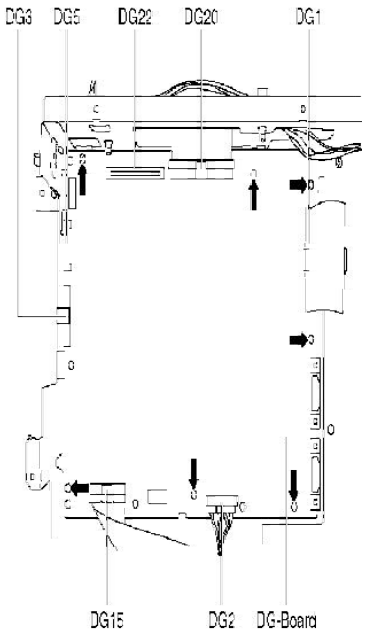
6.6. Remove the tuner unit

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG5, G51 and PA40).
3. Disconnect the flexible cables (DG3 and PA20).
4. Remove the screws (×4➡) remove the tuner unit.



6.7. Remove the DG-Board

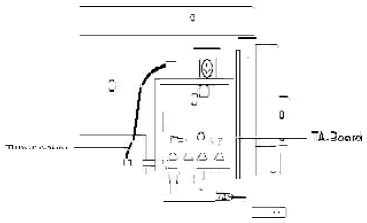
1. Disconnect the coupler (DG2).
2. Disconnect the flexible cables (DG1, DG15 and DG20).
3. Remove the screw (×7) remove the DG-Board.



6.8. Remove the TA-Board

1. Disconnect the tuner cable.

2. Remove the screw (×1➡) and remove the TA-Board.



6.9. Remove the H-Board

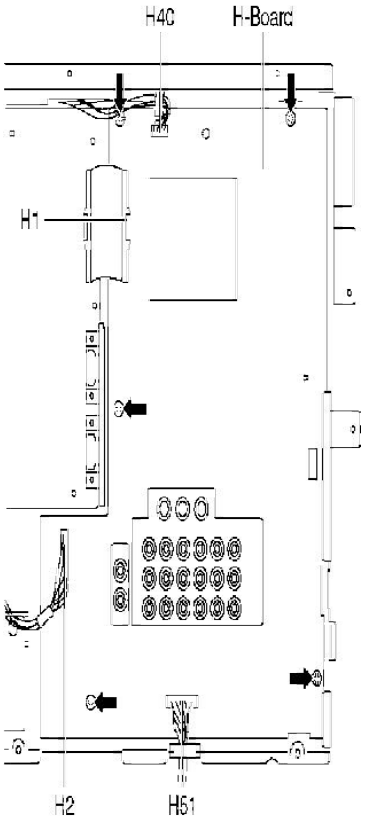
1. Remove the TA-Board.

2. Unlock the cable clampers to free the cable.

3. Disconnect the couplers (H2, H40 and H51).

4. Disconnect the flexible cable (H1).

5. Remove the screws (×5) and remove the H-Board.



6.10. Remove the HC-Board

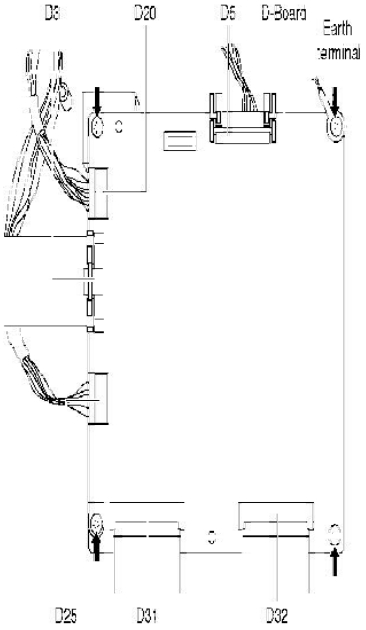
1. Disconnect the flexible cable (HC15).
2. Remove the screws (×2➡) and remove the HC-Board.



6.11. Remove the D-Board

1. Remove the tuner unit. (See section 6.6.)
2. Disconnect the couplers (D5, D20 and D25).
3. Disconnect the flexible cables (D3, D31 and D32).

4. Remove the screws (×4➡) and remove the D-Board.

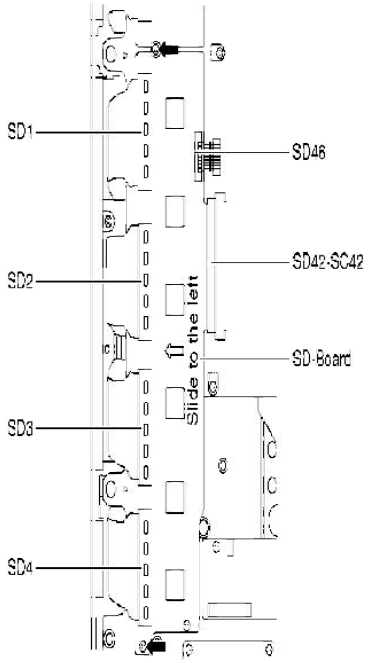


6.12. Remove the SU-Board

1. Remove the screws (×2➡).
2. Remove the flexible cables (SU1, SU2, SU3 and SU4) and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from a coupler (SC41-SU41) on the SC-Board and remove the SU-Board.

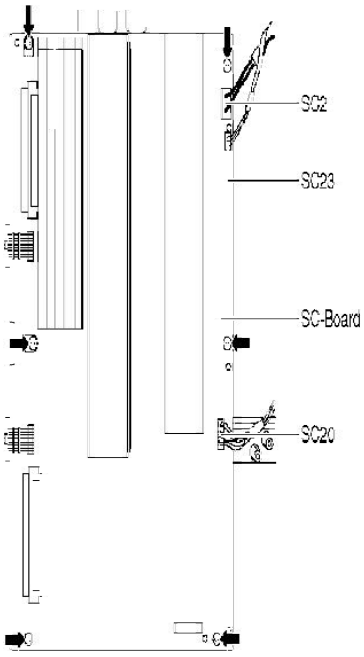
6.13. Remove the SD-Board

1. Remove the screws (×2➡).
2. Remove the flexible cables (SD1, SD2, SD3 and SD4) and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from a coupler (SC42-SD42) on the SC-Board and remove the SD-Board.



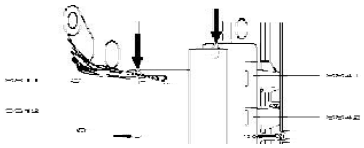
6.14. Remove the SC-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (SC2, SC20 and SC23).
3. Remove the screws (×6) and remove the SC-Board.



6.15. Remove the SS-Board

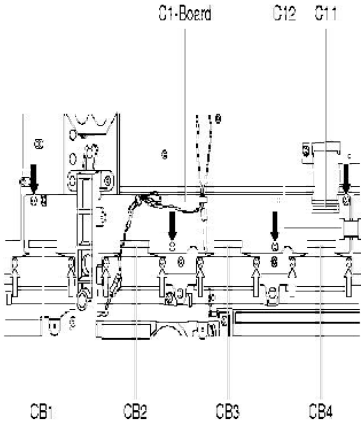
1. Disconnect the couplers (SS1, SS11, SS12 and SS23).
2. Disconnect the flexible cables (SS41, SS42, SS43 and SS44).
3. Remove the screws (×€➡) and remove the SS-Board.



6.16. Remove the C1-Board

1. Remove the tuner unit. (See section 6.6.)
2. Unlock the cable clampers to free the cable.

3. Remove the flexible cables holder fastening screws (×8).
4. Disconnect the flexible cables (CB1, CB2, CB3 and CB4).
5. Disconnect the flexible cables (C11 and C12).
6. Remove the screws (×4➡) and remove the C1-Board.



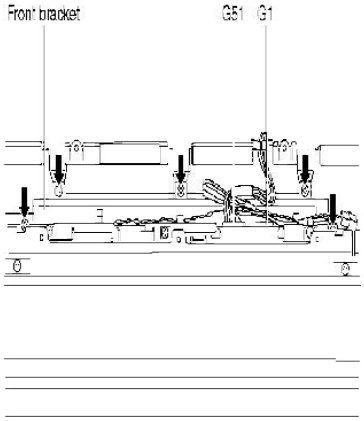
6.17. Remove the C2-Board

1. Remove the tuner unit. (See section 6.6.)
2. Unlock the cable clampers to free the cable.
3. Remove the flexible cables holder fastening screws (×8).
4. Disconnect the flexible cables (CB5, CB6, CB7 and CB8).
5. Disconnect the flexible cables (C21 and C22).
6. Disconnect the coupler (C23).
7. Remove the screws (×4) and remove the C2-Board.

6.18. Remove the front bracket

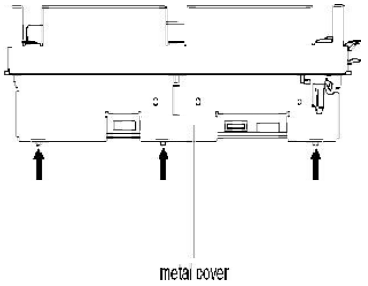
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (G1 and G51).

3. Remove the screws (×5➡) and remove the front bracket.



6.19. Remove the G-Board and GK-Board

1. Remove the front bracket. (See section 6.21.)
2. Remove the screws (×3➡) and remove the metal cover.

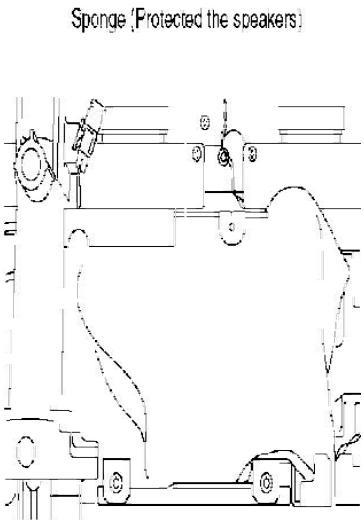


3. Remove the screws (×3➡) and remove the front side metal frame.

4. Remove the screws (×3) and disconnect the couplers (G3-GK3).
5. Remove the G-Board and GK-Board.

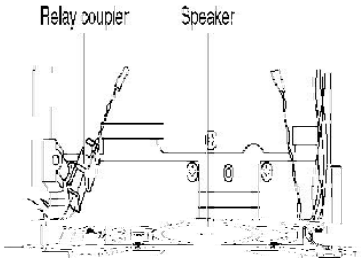
6.20. Remove the speaker L, R

1. Remove the sponge



2. Disconnect the relay couplers

3. Remove the screws (×4➡) and remove the speaker L, R.

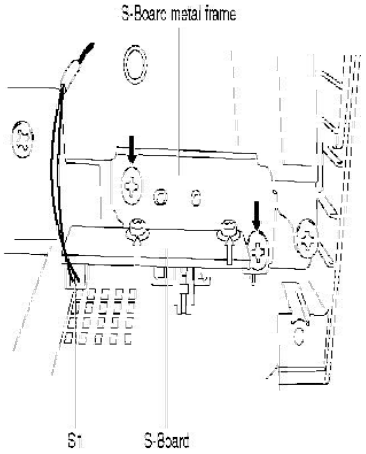


6.21. Remove the S-Board

1. Disconnect the coupler (S1).

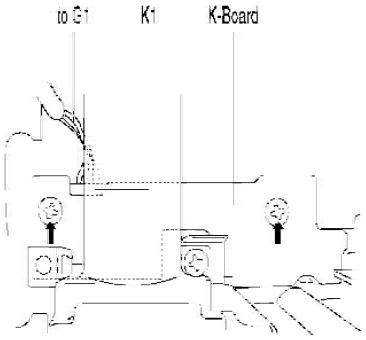
2. Remove the screws (×2) and remove the S-Board metal frame.

3. Remove the screws (×2) and remove the S-Board.



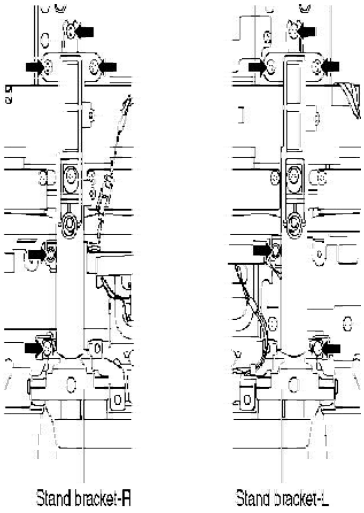
6.22. Remove the K-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (G1). (See section 6.21.)
3. Remove the screws (×2➡) and remove the K-Board.



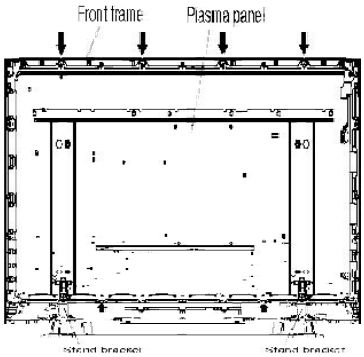
6.23. Remove the stand brackets

1. Remove the plasma panel section from the servicing stand and lay on a fiat surface such as a table (covered) with the plasma panel surface facing downward.
2. Remove the stand brackets (left, right) fastening screws (×5 each) and remove the stand brackets (left, right).

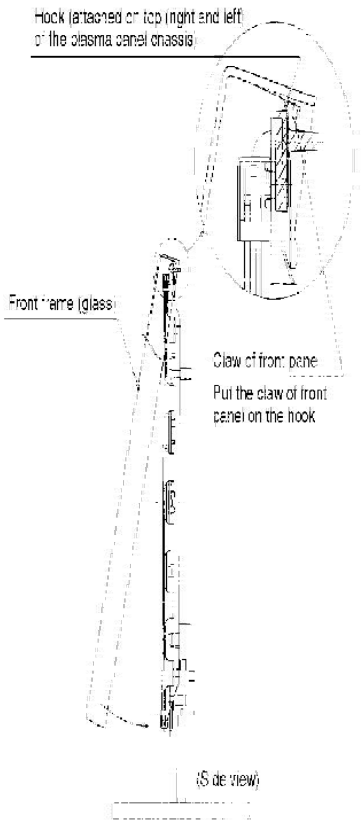


6.24. Remove the Plasma panel section from the Front frame (glass)

1. Remove the front frame and the plasma panel fastening screws (×6).
2. Remove the front frame and the stand brackets fastening screws (×4).



3. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.



6.25. Replace the plasma panel (finished)

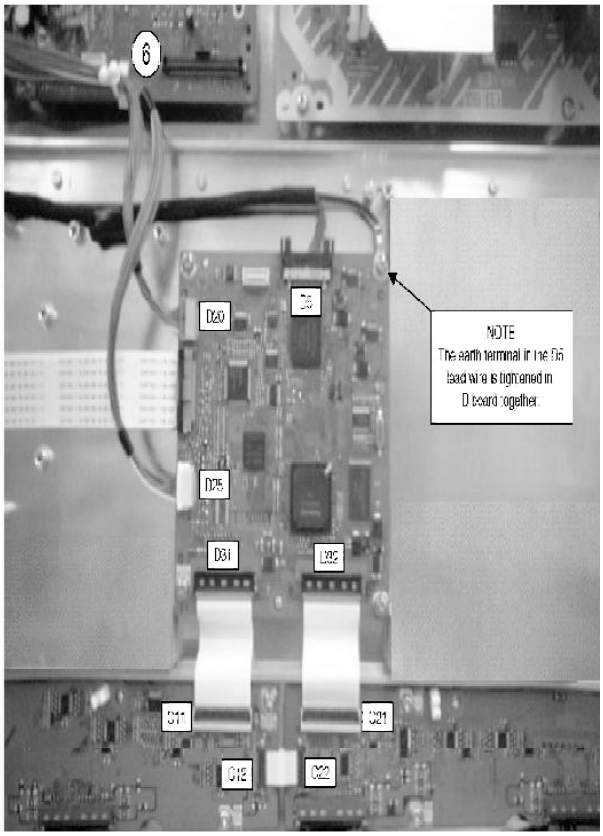
1. **Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.**
2. **Attach the C1-Board and the C2-Board, connect the flexible cables (×8) from the Plasma panel to the C1-Board and the C2-Board, and fit the flexible cable holders.**
3. **Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.**
4. **Place the plasma panel section on the servicing stand.**
5. **Attach the front frame and each P.C.Board and so on, to the new plasma panel.**
   *** When fitting the front frame, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

7. Location of Lead Wiring

7.1. Lead of Wiring (1)

The wire is dressed as shown in figure.

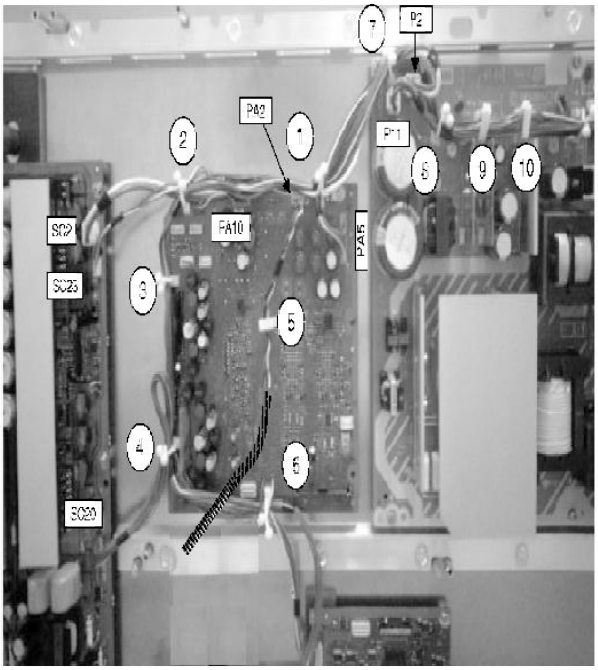
NOTE: The earth terminal in the D5 lead wire is tightened in D board together.

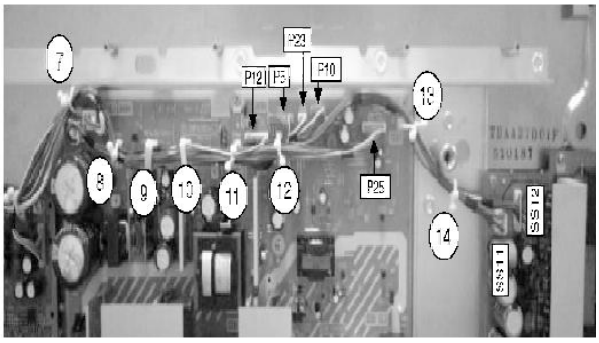


Connector No	6
D5 - D35	

7.2. Lead of Wiring (2)

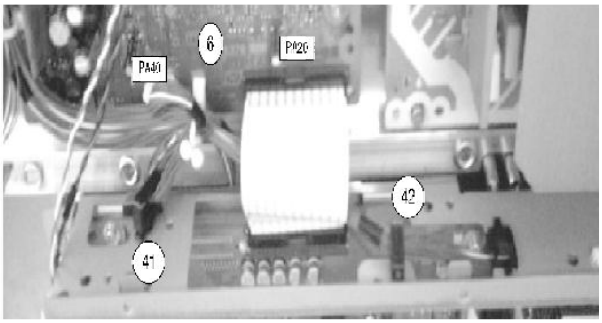
The wire is dressed as shown in figure.

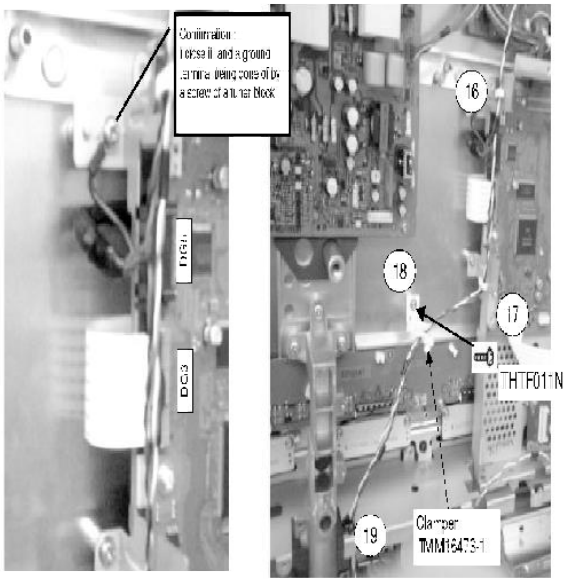




7.3. Lead of Wiring (3)

The wire is dressed as shown in figure

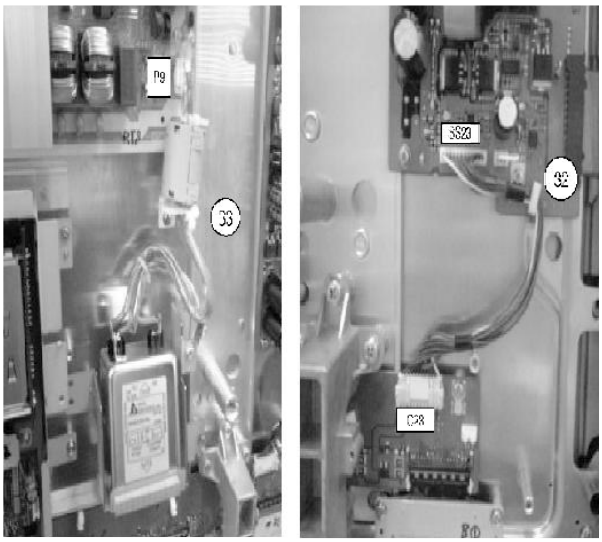




Connector No.							

7.4. Lead of Wiring (4)

The wire is dressed as shown in figure.



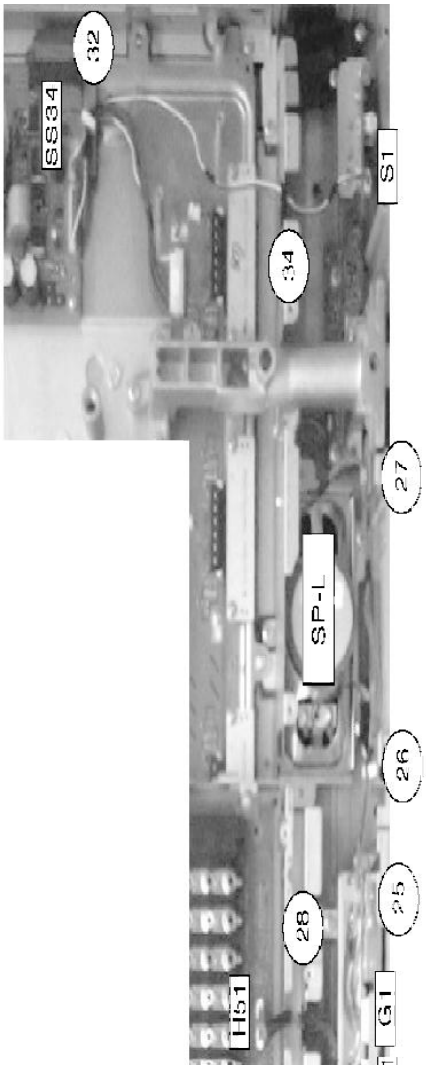
Connector No.								
AC - P9								
SS23 - C29								

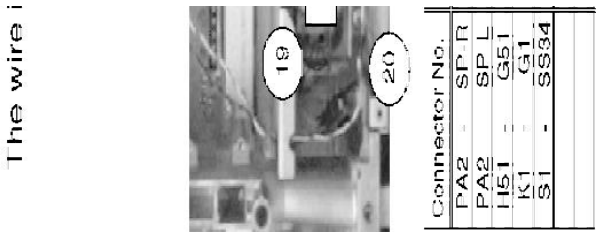
7.5. Lead of Wiring (5)

The wire is dressed as shown in figure.



7.6. Lead of Wiring (6)

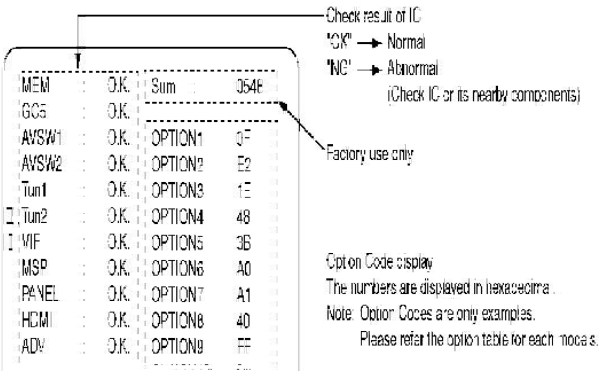

32
SS34
34
S1
27
SP-L
26
28
25
H51
G1



8. Self Check

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.

2. To get into the Self -Check mode press the Down ( ) button on the customer controls at the front of the set, at the same time pressing the Recall button on the remote control, and the screen will show :



If the CCU ports have been checked and found to be incorrect or not located then "--" will appear in place of "O.K.".

Display	Ref.No.	Description	Board
MEM	IC1102	EEPROM	DG-Board
GC5	IC4037	GC5 Processor	DG-Board
AVSW1	IC3005	Video SW	H-Board
AVSW2	IC2105	Audio SW	H-Board
Tun1	TU001	Tuner (Main)	TA-Board
Tun2	TU002	Tuner (Sub)	TA-Board
VIF	-	-	-
MSP	IC2106	Multi Sound Processor	H-Board
PANEL	IC9003	Convert Micon	D-Board
HDMI	IC4026	HDMI I/F Receiver	DG-Board
ADV	IC4019	10bit A/D	DG-Board

8.1. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking Times	Blinking timing	Contents	Check point
-	Once 3 sec No Light Light	Manufacturer check point	-
3		15V SOS	D-Board
4		3.3V SOS	D-Board
5		Power SOS	P-Board
6		5V SOS	D-Board
7		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
8		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SS-Board
9		Driver SOS3 (SS Energy recovery circuit)	SS-Board
10		Panel Status	-
12		PA SOS Tuner SOS	PA-Board H-Board
13			

8.2. No Power

[First check point]

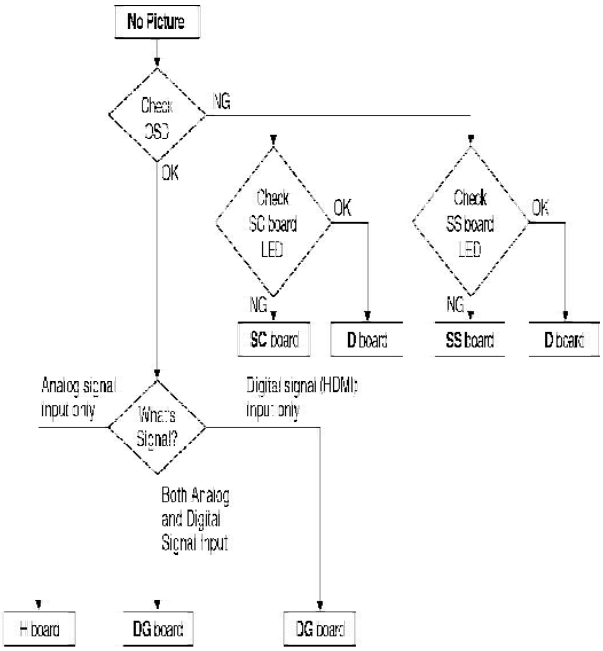
There are following 3 states of No Power indication by power LED.

1. No lit

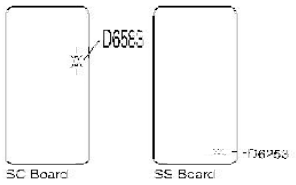
2. Green is lit then turns red blinking a few seconds later. (See 8.1)

3. Only red is lit.

8.3. No Picture



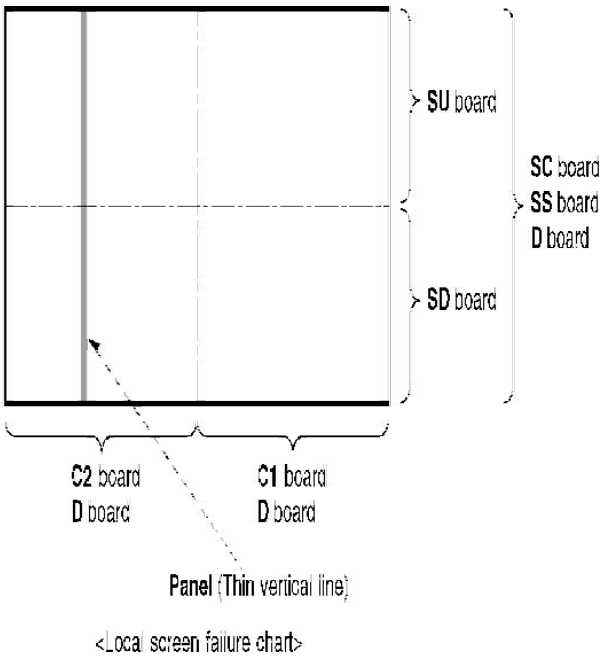
Drive circuits LED indicator



8.4. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.

Fig-1



<Local screen failure chart>

9. Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

9.1. How to enter SERVICE 1

1. In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.

2. Simultaneously press INDEX button on remote control and DOWN

button [ ] on the TV set.

9.2. How to enter SERVICE 2

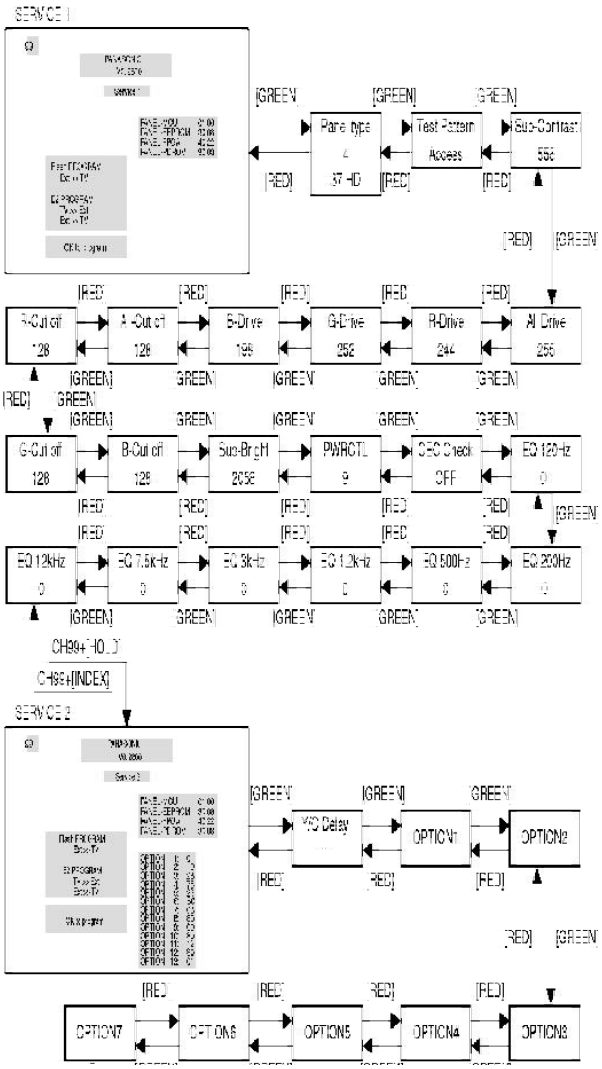
1. Set the channel to CH99.

2. Select the EQ 12kHz.

3. Press HOLD button on remote control.

Note:

To exit to Service mode, press EXIT or Power button on remote control.



9.3. Option Description

	[illegible]	[illegible]	[illegible]		
option1	0F	[illegible]	0F		
	b0	1	1	Color system	Auto(1)
	b1	0	0		SECAM(1)
	b2	1	1		NTSC(1)
	b3	1	1		M.NTSC(1)
	b4	0	0	4.5 select(0:5.5MHz)	6.742MHz(0) 6.742MHz(1)
	b5	0	0	SIF	4.5/6.5/6.5/6.5(0) 5.5/6.5/6.5/6.5(1)
	b6	0	1		5.5/6.5/6.5/6.5(0) 6.0/6.5/6.5/6.5(1)
	b7	0	0	Tree	
option2	F0	[illegible]	E0		
	b0	0	0	AV enable	AV(1)
	b1	1	1		S-V(1)
	b2	0	0		COMP(1)
	b3	0	0		HDMI(1)
	b4	0	1	NICAM enable	NICAM(1)
	b5	0	0		DVB-S(1)
	b6	1	0		DVB-C(1)
	b7	1	0		DVB-T(1)
option3	1E	[illegible]	1E		
	b0	0	0	SAP/SAP enable	SAP(Enable)(1)
	b1	1	1	Pre-tuning	Enable(1)
	b2	1	0	Search speed	Slow(1) Fast(0)
	b3	1	1	Tuner	MAX(Tuner 1), Q-Tuner(0)
	b4	1	1	TYPE	UHF only(0), UHF/VHF(1)
	b5	0	0	I2C	I2C controlled Tuner (IF include)(1)
	b6	0	0	NICAM Cancel	Enable(1)
	b7	0	0	Blue Back	BLUE BACK on/off selection in menu(1)
option4	48	[illegible]	48		
	b0	0	0	Aspect AUTO	Enable(1)
	b1	0	0	4:3 Pan&Scan	Enable(1)
	b2	0	0	14:9	Enable(1)
	b3	[illegible]	[illegible]	User aspect Just	Enable(1)
	b4	0	1	User aspect 4:3	Enable(1)
	b5	0	0	AUTO 14:9	14:9 enable, Zoom1 disable or self mode(1) Zoom1, Zoom2 enable or self mode(0)
	b6	[illegible]	[illegible]	TPIP	Enable(1)
	b7	0	1	TEXT HOP	TOP enable(1)
option5	5B	[illegible]	5B		
	b0	[illegible]	[illegible]	CH Blanking	Blanking enable(1)
	b1	1	1	AV Blanking	Blanking enable(1)
	b2	0	0	Noise mute	Noise mute enable(0)
	b3	1	0	Auto power	Power(Auto power)(0) Auto power(1)
	b4	[illegible]	0	I2Tuner	I2Tuner(1), Tuner(0)
	b5	[illegible]	[illegible]	AV Input	Scart(1) / Scart or mini Out or mini RCA(0)
	b6	0	0	Panel(LCD)	Samsung Panel(1) S-HARP Panel(0)
	b7	0	0	Large size (LCD)	32(1) 23(0) for LCD
option6	A0	[illegible]	A0		
	b0	0	0	DST mode	Power DST mode(1)
	b1	0	0	RF Input select PAL	Enable(1)
	b2	0	0	RF Input Sel Pal/NTSC	Enable(1)
	b3	0	0	RF Input For Rus SECAM	Enable(1)
	b4	0	0	DTV	Enable(1)
	b5	1	1	HDMI	Enable(1)
	b6	0	0	Ext. AV input	Power(AV Input)(0) Power(TV Input)(1)
	b7	[illegible]	[illegible]	PC	Enable(1)

option8				Euro option	
	b0				AGI enable(1): only Netherlands(0)
	b1				AGI auto M/P
	b2				AGI offset
	b3				Power up EC Mode
	b4				AM line
	b5				TV Picture correction
	b6				MFM/NICAM Tester
	b7				Auto Reset Off
option9					
	b0				CH Plan
	b1				
	b2				
	b3				
	b4				
	b5				
	b6				
	b7				
option10					
	b0				NICAM mode
	b1				
	b2				
	b3				
	b4				
	b5				
	b6				
	b7				HUNT AVI Aspect
option11					Additional
	b0				Remocon Type
	b1				Environment AI (PDP)
	b2				WSS14:9 off
	b3				Child lock
	b4				
	b5				Contrast P
	b6				Sub-tint P-POS
	b7				Service V-POS
option12					Additional
	b0				Last memory disable
	b1				Reserved
	b2				TEXT Crl Refresh
	b3				STILL
	b4				LATIN
	b5				SRS
	b6				HDMI Quality
	b7				HDMI EQ function
option13					Additional
	b0				DVR AUTO
	b1				HUB port
	b2				HDMI format error OSD
	b3				CEC comm
	b4				Aspect 4:3 FULL
	b5				FTZ
	b6				
	b7				

10. Adjustment Procedure

10.1. Driver Set-up

10.1.1. Item / Preparation

1. Input a white signal to plasma video input.

2. Set the picture controls as follows.
Picture menu: Vivid
Picture: +30
Aspect: Full

Caution

1. First perform Vsus adjustment.

2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.
When Vad=-105V, Voltage of Vscn is 35V ±4V.

10.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
Vset	TPVSET (SC)	260V ± 7V	Fixed	
Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+140V ± 4V	Fixed	
Vda	TPVDA (SS)	75V ± 1V	Fixed	
Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
PFC	C446 (+) (-)	396V ± 0.5V	R443 (P)	
Vlow	C555 (+) (-)	78.5V ± 0.1V	R661 (P)	Vda load current : 0.4A
Csus	TPVSUS / (SS)	180V ± 0.5V	R671 (P)	Vsus load current : 1.4A

***See the Panel label.**

10.2. Initialization Pulse Adjust

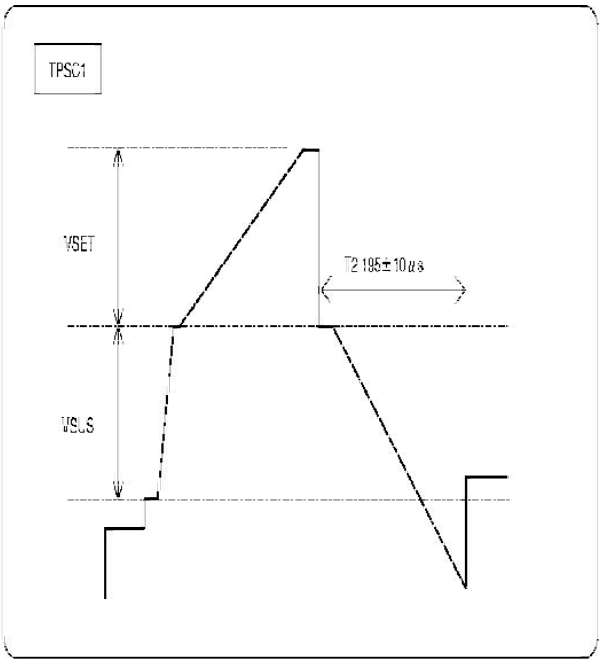
1. Input the White signal to plasma video input.

2. Set the picture controls as follows.
Picture menu : Vivid

Picture : +25
Aspect : Full

3. Connect Oscilloscope to TPSC1 (T2) and adjust VR6602 for 195+10 Sec.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	195 ± 10 μ Sec



10.3. P.C.B. (Printed Circuit Board) exchange

10.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

10.3.2. Quick adjustment after P.C.B. exchange

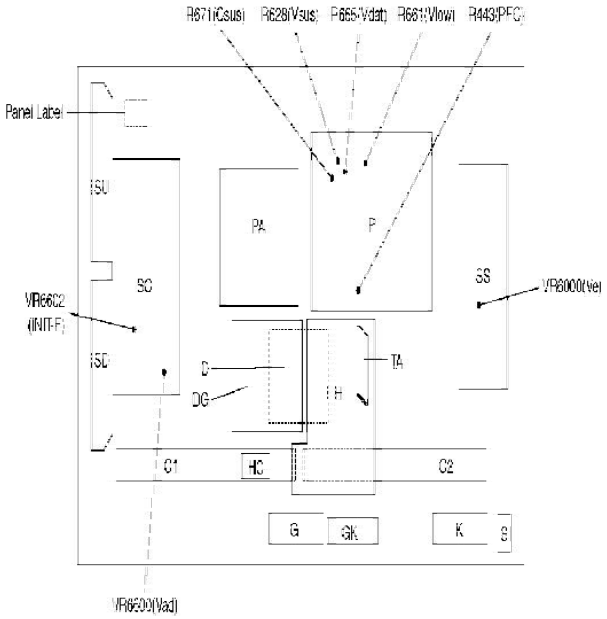
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
	Vdat	P12-1, 5 (P)	75.5V ± 0.1V	R665 (P)	
	PFC	C446 (+) (-) (P)	396V ± 0.5V	R443 (P)	
	Vlow	C555 (+) (-) (P)	78.5V ± 0.1V	R661 (P)	Vda load current : 0.4A
	Csus	TPVSUS (SS)	180V ± 0.5V	R671 (P)	Vsus load current : 1.4A
SC Board	Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6000 (SS)	*
D, DG Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

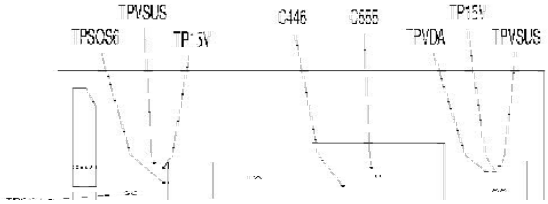
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

10.4. Adjustment Volume Location



10.5. Test Point Location



11. Adjustment

11.1. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
-W/B pattern -Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal

Procedure	Remarks
-Asing time is longer than 15min. -Make sure the front panel to be used on the final set is fitted. -Make sure a color signal is not being shown before adjustment. -Put the color analyzer where there is little colour variation. Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the white balance pattern. 2. Check that the color balance is “cool”. 3. Enter the <Service1> mode. 4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”. Also, “B-CUTOFF” and “R-CUTOFF” set to “128”. 5. Set “G-DRIVE” at “224”. 6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table. 7. Set “ALL-DRIVE” to “252”. 8. Set colorbalance to “Normal”. 9. Fix G cutoff , B cutoff and R cutoff at “128”. 10. Fix G drive at “224”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table. 12. Set “ALL-DRIVE” to “252”. 13. Set color balance to “Warm”. 14. Set G cutoff, B cutoff and R cutoff to “128”. 15. Set G drive to “224”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table. 17. Set “ALL-DRIVE” to “252”.	Picture menu : Dynamic ASPECT : 16:9 -Highlight section Signal amplitude 75%

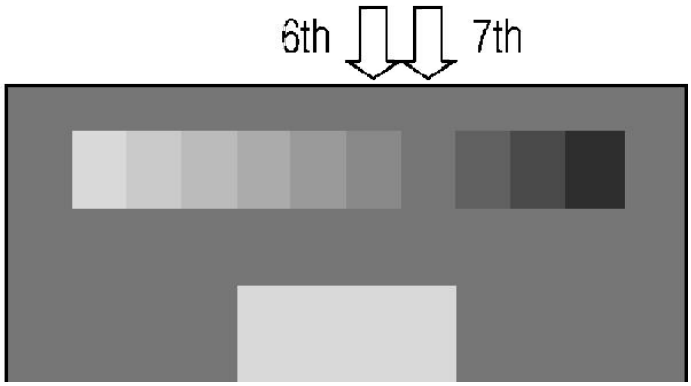
11.2. HD white balance adjustment

Instrument Name	Connection	Remarks
-1080i W/B Pattern -Color analyzer(Minolta CA-100 or equivalent)	-RF input -Panel surface	User setting: Normal

Procedure	Remarks
-Asing time is longer than 15min. -Make sure the front panel to be used on the final set is fitted. -Make sure a color signal is not being shown before adjustment. -Put the color analyzer where there is little colour variation. **Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc.** 1. Display the white balance pattern. 2. Check that the color balance is “cool”. 3. Enter the <Service1> mode. 4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”. Also, “B-CUTOFF” and “R-CUTOFF” set to “128”. 5. Set “G-DRIVE” at “224”. 6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table. 7. Set “ALL-DRIVE” to “252”. 8. Set colorbalance to “Normal”. 9. Fix G cutoff , B cutoff and R cutoff at “128”. 10. Fix G drive at “224”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table. 12. Set “ALL-DRIVE” to “252”. 13. Set color balance to “Warm”. 14. Set G cutoff, B cutoff and R cutoff to “128”. 15. Set G drive to “224”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table. 17. Set “ALL-DRIVE” to “252”.	Picture menu: Dynamic ASPECT:16:9 -Highlight section Signal amplitude 75% * The Color balance COOL differs from Japanese model values.

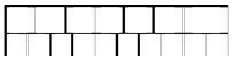
11.3. Sub bright adjustment

Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
-Color balance adjustment is finished for each signal. -Do adjustments in a dark room. -Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the 10 steps gray-scale pattern for adjusting sub-bright from video input. 2. Use "Sub-Bright" in the <Sevice1> mode to adjust so the 6th section shows up and the 7th fades away. **Data** **Sub-Bright data addresses** **Sub-Bright (upper) A0-0116** **Sub-Bright (lower) A0-0117**  	Picture menu: Dynamic Color balance: Normal ASPECT: 16:9

11.4. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader : 1080i/No.9 signal) 2. Wattmeter	COMPONENT input terminal Connect the AC power of the set to the wattmeter.	

Procedure	Remarks
-Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) -Voltage 230V 50Hz (variation within 1%) -Volume at minimum and screen size at “16:9” Component input, dynamic, standard 1. Connect the set's AC power to the wattmeter. 2. Input the signal (top half: color bar, Bottom half :Horizontal 10steps bar). 3. Select the “PWRCTL” item in the <Service1> mode 4. Adjust PWRCTL so the set's power consumption is 331 ±10W **Remarks** 1. The initial data are Data address: A0-0102 Default data: 0×00 2. The power and data are in reverse relationship. (Lower the data to raise the power.) -Raising direction (↑): 0 → 255, 254, 253..... -Lowering direction (↓): 0 → 1, 2, 3..... 3. There is a possibility that the adjustment value can do two places, adjust it in that case, that the value of PWRCTL is large. 	

11.5. Sub-Contrast adjustment

Name of measuring instrument	Connection	Remarks
RF generator Base Band generator		
Preparation (AV)		**Remarks**
1. Receive AV1 (PAL 100% Full White or Split Colour bar shown as below) .  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)		
Adjustment of AV system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		
Preparation (RF)		**Remarks**
1. Receive RF (PAL 100% Full White or Split Colour bar shown as below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)		
Adjustment of RF system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		
Preparation (HD)		**Remarks**
1. Receive Component (1080i/ 60Hz or 1080i/ 50Hz, 100% Full White or Split colour bar as shown below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 384. (It checks that an initial value is a default)		
Adjustment of HD system		**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.		

11.6. Multi-window adjustment

Name of measuring instrument	Connection	Remarks
Base Band generator		
Condition		**Remarks**
Sub contrast adjustment is finished.		
Preparation		
1. Come out of market mode and input AV1 PAL 100% full white. 2. Go into service mode, choose VIDEO Gain2, and check that data is 255. (Check that initial value is the default)		
Adjustment		**Remarks**
1. Check the brightness of main screen and sub screen by watching. 2. Go to procedure 3 when the brightness of sub screen is higher than that of main screen. Oppositely, do not adjust and end when the brightness of sub screen is lower than that of main screen. 3. Adjust VIDEO Gain2 so that the borderline of main and sub screen may become unremarkable by watching.		Press OK button.

12. Hotel mode

1. Purpose

Restrict a function for hotels.

2. Access command

- Enter to the Service 2 Mode.
- Press Information button on remote control and entry to the EAROM EDITOR Mode.
- Press the RED/GREEN button to step up/down through the address.
- Press the YELLOW/BLUE button to step left/right through the address.
- Press the PROGRAMME UP/DOWN button to step up/down through the page.
- Press the VOLUME UP/DOWN button to change the function values.
- Set the data of EEPROM(ADDRESS 0BAF) to 01.
- Press the OK button to memorize the data.

Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
It can be made Hotel mode.

3. Exit command

- First, set the data of EEPROM(ADDRESS 0BAF) to 00.
  Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.
  Then, it is no longer hotel mode.

4. Access command to the Hotel mode setup menu

- Prerequisite : It is conditions that the data of EEPROM(ADDRESS 0BAF) is 01.
  In order to display the Hotel mode setup menu, please enter the following command (within 2 second).
  [[TV]:down + [REMOTE]:TV/AV(3 times)]
  Then, the Hotel mode setup menu is displayed.



5. Explain the Hotel mode setup menu

item	Function
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/ Av4S/Component/PC/HDMI1/HDMI2 -Off: give priority to a last memory. However, Euro model is compulsorily set to TV. -AVnS/AVnC: only Euro model selectable -PC: selectable with VGA option
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 -Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
Initial POS	Select programme number. Selection : Off/0 to 99 -Off: give priority to a last memory

item	Function
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/All -Off: altogether valid -SETUP: only F-key is invalid (Tuning guide(menu) can not be selected.) -MENU: only F-key is invalid (only Volume/Mute can be selected.) -All: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU -Off: altogether valid -SETUP: only Setup menu is invalid -MENU: Picture/Sound/Setup menu are invalid

6. To exit the Hotel mode

Disconnect AC power cord from wall outlet

13. Conductor Views

13.1. P-Board

13.2. PA-Board

13.3. H, HC and TA-Board

13.4. G-Board

13.5. GK, K and S-Board

13.6. DG-Board

13.7. D-Board

13.8. C1-Board

13.9. C2-Board

13.10. SC-Board

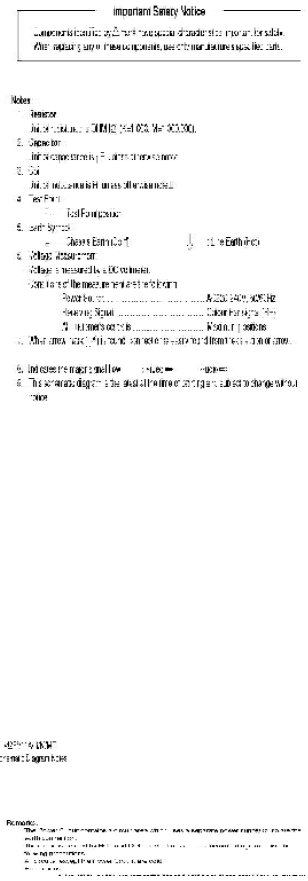
13.11. SU-Board

13.12. SD-Board

13.13. SS-Board

14. Schemaatic and Block Diagram

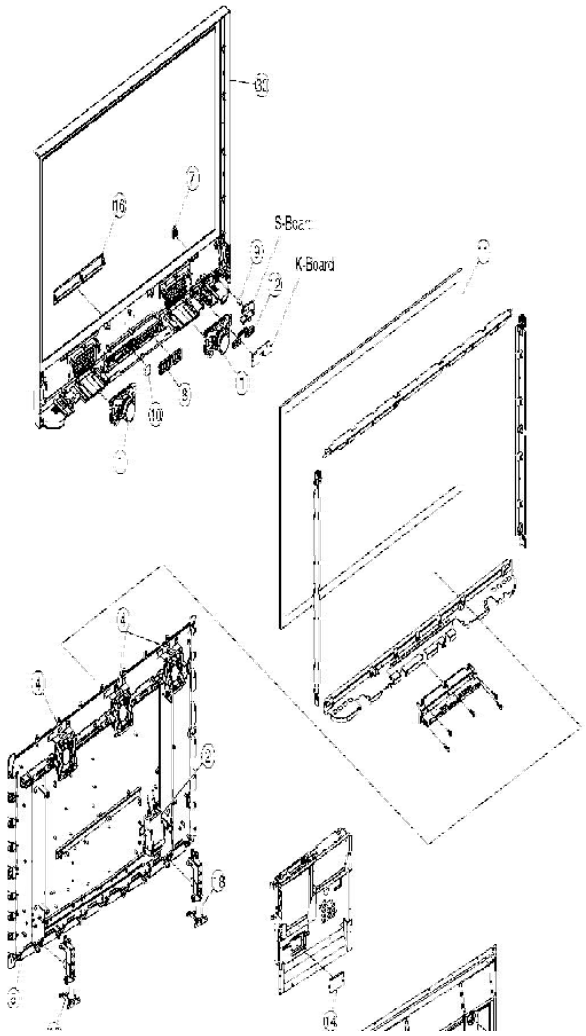
14.1. Schematic Diagram Notes



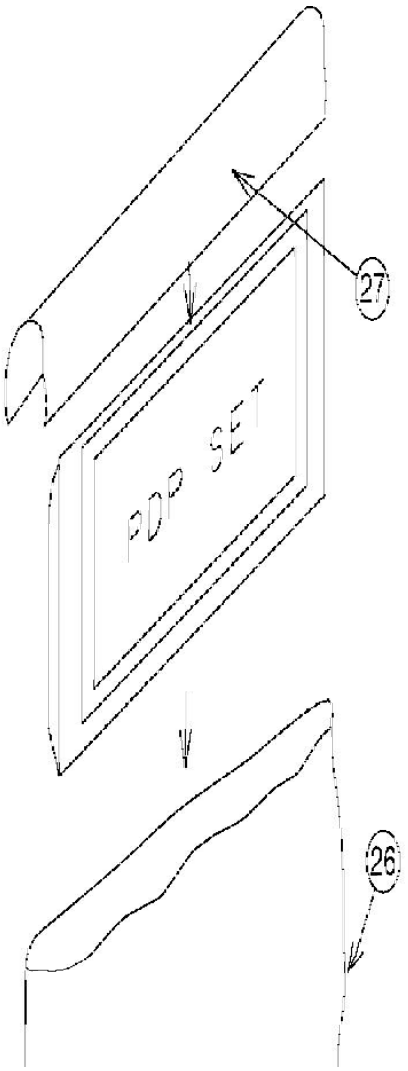
14.2. Main Block Diagram

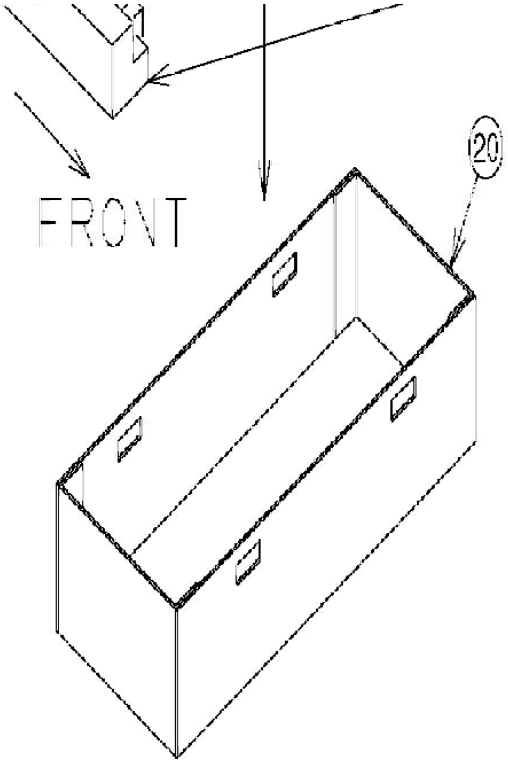
14.3. P-Board Block Diagram
14.4. P-Board (1 of 6) Schematic Diagram
14.5. P-Board (2 of 6) Schematic Diagram
14.6. P-Board (3 of 6) Schematic Diagram
14.7. P-Board (4 of 6) Schematic Diagram
14.8. P-Board (5 of 6) Schematic Diagram
14.9. P-Board (6 of 6) Schematic Diagram
14.10. PA-Board Block Diagram
14.11. PA-Board (1 of 3) Schematic Diagram
14.12. PA-Board (2 of 3) Schematic Diagram
14.13. PA-Board (3 of 3) Schematic Diagram
14.14. H and TA-Board Block Diagram
14.15. G, GK, HC and K-Board Block Diagram
14.16. H-Board (1 of 3)Schematic Diagram
14.17. H-Board (2 of 3)Schematic Diagram
14.18. H-Board (3 of 3)Schematic Diagram
14.19. G, GK and K-Board Schematic Diagram
14.20. HC and TA-Board Schematic Diagram
14.21. DG-Board (1 of 3) Block Diagram
14.22. DG-Board (2 of 3) Block Diagram
14.23. DG-Board (3 of 3) Block Diagram
14.24. DG-Board (1 of 8) Schematic Diagram
14.25. DG-Board (2 of 8) Schematic Diagram
14.26. DG-Board (3 of 8) Schematic Diagram
14.27. DG-Board (4 of 8) Schematic Diagram
14.28. DG-Board (5 of 8) Schematic Diagram

14.29. DG-Board (6 of 8) Schematic Diagram
14.30. DG-Board (7 of 8) Schematic Diagram
14.31. DG-Board (8 of 8) Schematic Diagram
14.32. D-Board Block Diagram
14.33. D-Board (1 of 6) Schematic Diagram
14.34. D-Board (2 of 6) Schematic Diagram
14.35. D-Board (3 of 6) Schematic Diagram
14.36. D-Board (4 of 6) Schematic Diagram
14.37. D-Board (5 of 6) Schematic Diagram
14.38. D-Board (6 of 6) Schematic Diagram
14.39. C1 and C2-Board Block Diagram
14.40. C1-Board (1 of 2) Schematic Diagram
14.41. C1-Board (2 of 2) Schematic Diagram
14.42. C2-Board (1 of 2) Schematic Diagram
14.43. C2-Board (2 of 2) Schematic Diagram
14.44. SC, SU and SD-Board Block Diagram
14.45. SC-Board (1 of 2) Schematic Diagram
14.46. SC-Board (2 of 2) Schematic Diagram
14.47. SU-Board (1 of 2) Schematic Diagram
14.48. SU-Board (2 of 2) Schematic Diagram
14.49. SD-Board (1 of 2) Schematic Diagram
14.50. SD-Board (2 of 2) Schematic Diagram
14.51. SS and S-Board Block Diagram
14.52. SS and S-Board Schematic Diagram
15. Parts Location & Mechanical Replacement Parts List
15.1. Parts Location

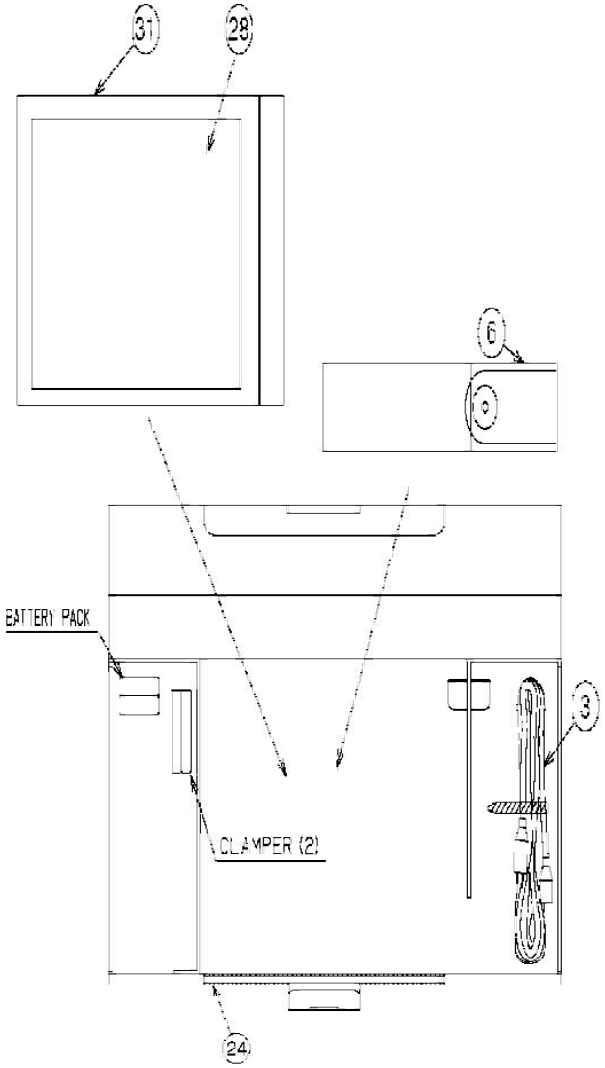


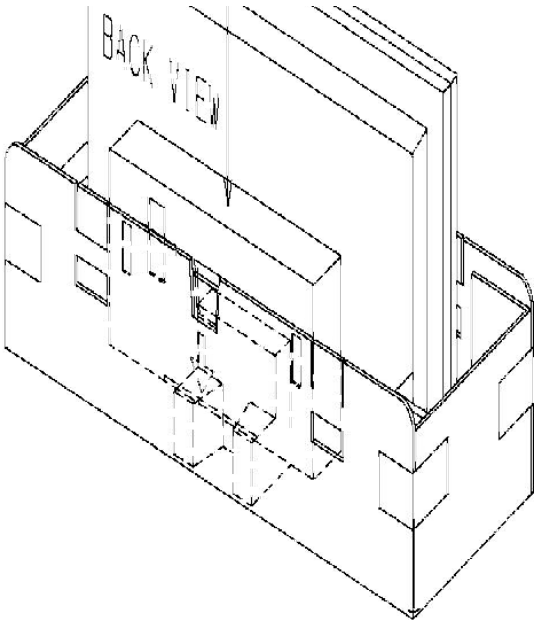
15.2. Packing Exploded Views (1)


27
POP SET
26

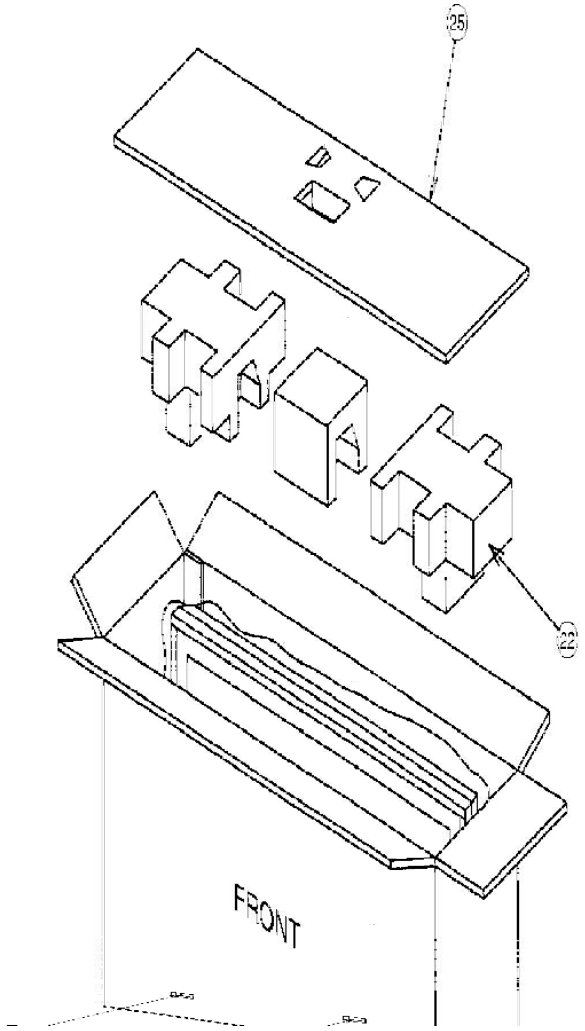


15.3. Packing Exploded Views (2)


31
28
6
BATTERY PACK
3
CLAMPER (2)
24



15.4. Packing Exploded Views (3)



15.5. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS12S10A	SPEAKER	2	
	J2ZZ00000036	RF CABLE	1	TH-42PV60H/M/MT
2	K2AHYH000005	AC INLET	1	
3	K2CG3DH00051	AC CORD(Thai)	1	TH-42PV60MT
3	K2CK3DH00029	AC CORD(AUSTRALIA)	1	TH-42PV60A
3	K2CT3DH00006	AC CORD	1	TH-42PV60M
3	K2CT3DH00018	AC CORD	1	TH-42PV60H/M
4	L6FALEFH0028	FAN	3	
5	MD42H09A1J	PLASMA DISPLAY PANEL	1	
6	N2QAJB000121	REMOTE CONTROL	1	TH-42PV60A
6	N2QAJB000154	REMOTE CONTROL	1	TH-42PV60H/M/MT
	TBMA185	PANASONIC BADGE	1	
7	TBXA48701	POWER BUTTON	1	
8	TBXA48801	CONTROL BUTTON	1	
9	TES4G204	SPRING	1	
10	TESA274	LEAF SPRING	1	
	THEL035N	SCREW	73	
	THEL0429	SCREW	28	
	THTD010N	SCREW	9	
	THTD011J	SCREW	2	
11	TKGA5264	FRONT GLASS	1	
12	TKKC5239	PANEL LIGHT	1	
13	TKKL5231	M8 SPACER CAP	4	
14	TKKL5269	COVER	1	
15	TKPA94301	INLET COVER	1	
16	TKPB01102	DOOR	1	
17	TKRA51701	REAR COVER HANDLE	2	
	TMKG659	SPONGE(FRONT GLASS H)	2	
	TMKG660	SPONGE(FRONT GLASS V)	2	
	TMKG666	SPONGE	3	
	TMM15481	CLAMPER	4	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	8	
	TMM7464-2	CLAMPER	2	
	TMM7468-1	CLAMPER	1	
	TMME047	CLAMPER	3	
	TMME061	CLAMPER	6	
	TMME190	CLAMPER	2	
	TMME226	CLAMPER	1	
	TMME258	CLAMPER	2	
	TMME260	CLAMPER	5	
	TMMJ068	RUBBER (FAN)	9	
	TMMX133	M8-SPACER	4	
	TMMX136	BC HOOK LEFT	1	
	TMMX137	BC HOOK RIGHT	1	
18	TMZX5058	STAND BRACKET	2	
19	TPCB92501	CARTON BOX TOP	1	TH-42PV60A
19	TPCB92502	CARTON BOX TOP	1	TH-42PV60H
19	TPCB92503	CARTON BOX TOP	1	TH-42PV60M
19	TPCB92504	CARTON BOX TOP	1	TH-42PV60MT
20	TPCB92601	CARTON BOX BOTTOM	1	
21	TPD169487	JOINT	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
22	TPDA1270	CUSHION TOP	1	
23	TPDA1271	CUSHION BOTTOM	1	
24	TPDF0737	PAPER BOX	1	
25	TPDF1582	TOP PAD	1	
26	TPEH170	PROTECT COVER	1	
27	TPEH273	TOP-PROTECT SHEET	1	
28	TQBC2089	INSTRUCTION BOOK(ENGLISH)	1	TH-42PV60A
28	TQBC2090	INSTRUCTION BOOK(ENGLISH)	1	TH-42PV60H/M/MT
28	TQBC2091	INSTRUCTION BOOK(CHINA)	1	TH-42PV60H
28	TQBC2092	INSTRUCTIOR BOOK(ARABIAN)	1	TH-42PV60M
28	TQBC2093	INSTRUCTION BOOK(PERSIAN)	1	TH-42PV60M
28	TQBC2094	INSTRUCTION BOOK(THAI)	1	TH-42PV60MT
	TSXL513	CABLE(D31-C11/D32-C21)	2	
	TSXL519	CABLE (C12-C22)	1	
	TSXL520	CABLE (DG1-H1)	1	
	TSXL521	CABLE (DG15-HC15)	1	
	TSXL522	CABLE(DG20-PA20)	1	
	TSXL523	CABLE(DG3-D3)	1	
29	TTUA1347	REAR COVER	1	TH-42PV60A
29	TTUA1403	REAR COVER	1	TH-42PV60H
29	TTUA1404	REAR COVER	1	TH-42PV60M
29	TTUA1434	REAR COVER	1	TH-42PV60MT
30	TXFKE01BJTA	ESCUTCHEON ASSY	1	
	TXJ/SPBJTU	SPEAKER LEAD(RELAY-SP)	2	
	XTB4+12GFJ	SCREW	45	
	XTB4+12GFJK	SCREW	8	
	XTB4+16GFJ	SCREW	2	
	XTV3+10JFJK	SCREW	6	
	XTW3+10TFJ	SCREW	3	
	XYN3+F10FJ	SCREW	1	
	XYN3+F10FJ	SCREW	1	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	35	
	XYN3+J12FJ	SCREW	31	
	XYN3+J8FJ	SCREW	14	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJK	SCREW	6	
	XYN4+F30FJK	SCREW	18	
	XYN5+C15FJ	SCREW	8	
31	XZBT6506	POLY BAG	1	

16. Electrical Replacement Parts List

16.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking RTL indicates that the Retention Time is Limited for this item. After the discontinuation of the assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxice	J : ±5%
Metal Film	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polypro	G : ±3pF
pylene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80% -20%

16.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	
C002	ECA1HM100	E 10UF, 50V	1	
C003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C006	ECA0JM102	E 1000UF, 6.3V	1	
C008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1XC1H101J	C 100PF, J, 50V	1	
C010,11	ECJ1VC1H330J	C 33PF, J, 50V	2	
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1MN20BA0231	20P CONNECTOR	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C020	ECA0JM102	E 1000UF, 6.3V	1	TH-42PV60H/M/MT
C021	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PV60H/M/MT
C21	K1MN55BA0076	55P CONNECTOR	1	
C022	ECJ1XC1H101J	C 100PF, J, 50V	1	TH-42PV60H/M/MT
C22	K1MN20BA0231	20P CONNECTOR	1	
C23	K1KA12BA0107	12P CONNECTOR	1	
C024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	TH-42PV60H/M/MT
C029,30	ECJ1VC1H330J	C 33PF, J, 50V	2	
C040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PV60H/M/MT
C041,42	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C043	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	TH-42PV60H/M/MT
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	F2G0J470A019	C 47PF, J, 6.3V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1190	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	ECJ0EB1H101K	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2005,06	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2010,11	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2013,14	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2016,17	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2019	ECA1CM221	E 220UF, 16V	1	
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	ECEA1CN470U	E 47UF, 16V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-65	ECJ2FB1C105K	C 1UF, K, 16V	4	
C2168,69	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2303	ECA1CMH101	E 100UF, 16V	1	
C2307	ECA1CMH101	E 100UF, 16V	1	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2372	ECA1HHG100	E 10UF, 50V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393,94	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2512	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3005	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021-25	F1J1A1050002	C 1UF, Z, 50V	5	
C3026	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3027,28	F1J1A1050002	C 1UF, Z, 50V	2	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035	F1J1A1050002	C 1UF, Z, 50V	1	
C3036	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3043	F1J1A1050002	C 1UF, Z, 50V	1	
C3045	F1J1A1050002	C 1UF, Z, 50V	1	
C3046	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3047	F1J1A1050002	C 1UF, Z, 50V	1	
C3048	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3049,50	F1J1A1050002	C 1UF, Z, 50V	2	
C3051-53	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C3054-56	F1J1A1050002	C 1UF, Z, 50V	3	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059,60	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3067	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3069	ECA1EM471	E 470UF, 25V	1	
C3070	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3207	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3208	ECJ2FB1C474K	C 0.47UF, Z, 16V	1	
C3214	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3216	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3226-28	ECJ2FF1A106Z	C 0.001UF, Z, 10V	3	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3248	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3249	ECJ2FB1C474K	C 0.47UF, Z, 16V	1	
C3251	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3252	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3253,54	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3256	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3257	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	ECEA1CN470U	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	ECEA1CN470U	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	ECEA1CN470U	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4009	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4012,13	ECJ1XC1H180J	C 18PF, J, 50V	2	TH-42PV60H/M/MT
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4142	F1H1C104A065	C 0.1UF, K, 16V	1	TH-42PV60H/M/MT
C4144-46	ECJ1XC1H050C	C 5PF, C, 50V	3	TH-42PV60H/M/MT
C4148-51	ECJ1VB1A105K	C 0.01UF, Z, 50V	4	TH-42PV60H/M/MT
C4157	F1J0J1060004	C 0.010UF, K, 16V	1	TH-42PV60H/M/MT
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4161,62	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	TH-42PV60H/M/MT
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4169	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4181	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PV60H/M/MT
C4182	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4187	F2G0J470A019	C 47PF, J, 6.3V	1	TH-42PV60H/M/MT
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-91	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4192	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4198	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4199	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4200	F2G0J470A019	C 47PF, J, 6.3V	1	
C4201	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4212	EEEHB0G221P	C 220PF, J, 4V	1	TH-42PV60H/M/MT
C4213	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	F2G0J470A019	C 47PF, J, 6.3V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4220	ECJ0EB1C103K	C0.010UF, K, 16V	1	TH-42PV60H/M/MT
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4225	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4226	ECJ1XC1H680J	C 68PF, J, 50V	1	TH-42PV60H/M/MT
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4229	F1H1C104A065	C 0.1UF, K, 16V	1	TH-42PV60H/M/MT
C4230-34	ECJ0EB1A104K	C 0.1UF, K, 10V	5	TH-42PV60H/M/MT
C4235	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4236-42	ECJ0EB1A104K	C 0.1UF, K, 10V	7	TH-42PV60H/M/MT
C4243	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4244	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4245	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4246	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4250,51	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PV60H/M/MT
C4252	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	TH-42PV60H/M/MT
C4253	F2G0J470A019	C 47PF, J, 6.3V	1	
C4255	ECJ1VB1H562K	C 5600PF, K, 50V	1	TH-42PV60H/M/MT
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4257	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	TH-42PV60H/M/MT
C4258	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4259	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	TH-42PV60H/M/MT
C4261	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4262-64	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4265	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4266	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4267,68	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PV60H/M/MT
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4270	ECJ0EB1A104K	C 0.1UF, K, 10V	1	TH-42PV60H/M/MT
C4272	F2G0J470A019	C 47PF, J, 6.3V	1	
C4273	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4274,75	ECJ0EB1A104K	C 0.1UF, K, 10V	2	TH-42PV60H/M/MT
C4276,77	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	TH-42PV60H/M/MT
C4281-84	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4287,88	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4289,90	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4291,92	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4310	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	F2G0J470A019	C 47PF, J, 6.3V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	F2G0J470A019	C 47PF, J, 6.3V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4483	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4521	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4527	ECJ0EB1C103K	C0.010UF, K, 16V	1	
C4528	F2G0J470A019	C 47PF, J, 6.3V	1	
C4529	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4530,31	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4532,33	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4534	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4535	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4536	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4537	EEEHB0G101R	C 100PF, J, 4V	1	
C4538	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4539	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4540	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5604	ECA1HHG100	E 10UF, 50V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618,19	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HM220	E 22UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5685	ECA1HHG100	E 10UF, 50V	1	
C5686	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C6001	F1L2J332A022	C 3300UF, K,6.3V	1	
C6002	F1L2J222A022	C 2200UF, K,6.3V	1	
C6011-15	F2A2T201A001	E 200UF,	5	
C6021	F1L2J562A022	C 5600UF, K,6.3V	1	
C6031	ECQE2255JF	P 2.5UF, K,250V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6071	F1L2J1020001	C 1000UF, K,6.3V	1	
C6091	F1L2J1020001	C 1000UF, K,6.3V	1	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6152-55	F1L1E4750004	C 4.7UF, 25V	4	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6194,95	F1L1E4750004	C 4.7UF, 25V	2	
C6201,02	F0C2E405A176	E 0.040UF, 250V	2	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213,14	ECA1EM471	E 470UF, 25V	2	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6261,62	ECA2CM101	E 100UF, 160V	2	
C6271	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6272,73	EEUFC1E221	E 220UF, 25V	2	
C6401	F1L2J332A022	C 3300UF, K,6.3V	1	
C6402	F1L2J222A022	C 2200UF, K,6.3V	1	
C6411-15	F2A2T201A001	E 200UF,	5	
C6421	F1L2J562A022	C 5600UF, K,6.3V	1	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6471	F1L2J1020001	C 1000UF, K,6.3V	1	
C6472	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6491	F1L2J1020001	C 1000UF, K,6.3V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6511,12	F0C2E405A176	E 0.040UF, 250V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6592	ECA1EM471	E 470UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6620	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6641	ECQE2224KF	P 2.2UF, K,250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691	ECA2CM101	E 100UF, 160V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	ECA1HM101	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6754	ECA1VM470	E 47UF, 35V	1	
C6755	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	EEUFC1E221	E 220UF, 25V	1	
C6795,96	EEUFC1E221	E 220UF, 25V	2	
C6802	EEUFC1E221	E 220UF, 25V	1	
C6803	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	TCUY1C105ZFN	C 1UF, 16V	1	
C6806,07	ECA2CM101	E 100UF, 160V	2	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6822	F2A2V100A019	E 10UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841,42	ECA2CM101	E 100UF, 160V	2	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6914-18	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932-35	F1L2E105A013	E 0.10UF, 25V	4	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6955	TCUY1C105ZFN	C 1UF, 16V	1	
C6957,58	TCUY1C105ZFN	C 1UF, 16V	2	
C6961	TCUY1C105ZFN	C 1UF, 16V	1	
C6963	TCUY1C105ZFN	C 1UF, 16V	1	
C6964-68	ECJ2XB1H221K	C 220PF, K, 50V	5	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6982-85	F1L2E105A013	E 0.10UF, 25V	4	
C7108	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7110	TCUY1C105ZFN	C 1UF, 16V	1	
C7111,12	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7114	TCUY1C105ZFN	C 1UF, 16V	1	
C7115	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7116	TCUY1C105ZFN	C 1UF, 16V	1	
C7117	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7119	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7121	TCUY1C105ZFN	C 1UF, 16V	1	
C7122	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7123	TCUY1C105ZFN	C 1UF, 16V	1	
C7124	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7126	TCUY1C105ZFN	C 1UF, 16V	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7127	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7134	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137,38	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7140	TCUY1C105ZFN	C 1UF, 16V	1	
C7141	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7143	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7145	TCUY1C105ZFN	C 1UF, 16V	1	
C7146	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7148	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7201	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7203	TCUY1C105ZFN	C 1UF, 16V	1	
C7204,05	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7210	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7212	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7214	TCUY1C105ZFN	C 1UF, 16V	1	
C7215	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7216	TCUY1C105ZFN	C 1UF, 16V	1	
C7217	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7220	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7223	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7227	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7229	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	
C7236	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7238	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7240	TCUY1C105ZFN	C 1UF, 16V	1	
C7241	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7244	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9467,68	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	
C9469	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9500-06	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C9508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9509	ECJ1VC1H200J	C 20PF, C, 50V	1	
C9510	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9511	F1J0J1060004	C 0.010UF, K, 16V	1	
C9512	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9801	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9822	F1J0J1060004	C 0.010UF, K, 16V	1	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9827	F1J0J1060004	C 0.010UF, K, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9839	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9900-51	ECJ1XB1C104K	C 0.1UF, Z, 16V	52	
C9952-54	EEFCD0G560ER	56UF,	3	
C9955-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9960-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9965	EEFCD0G560ER	56UF,	1	
C9966	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CB1-B8	K1MN68BA0002	68P CONNECTOR	8	
D3	K1KY40B00003	40P CONNECTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20BA0296	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D1106,07	MA729	DIODE	2	
D1117	MA3036L	ZENER DIODE	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2300,01	MA111	DIODE	2	
D2303,04	MA111	DIODE	2	
D2309	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2512	MA8043LTX	ZENER DIODE	1	
D2520	LNJ107W5PRW	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D3003	MA8140M	ZENER DIODE	1	
D3005,06	MA8140M	ZENER DIODE	2	
D3017	MA8140M	ZENER DIODE	1	
D3021-23	MA111	DIODE	3	
D3024	B0BC01100001	ZENER DIODE	1	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3045-52	MA8140M	ZENER DIODE	8	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D4019-38	EZJZ0V80008B	VARISTOR	20	
D4041	EZJZ0V80008B	VARISTOR	1	
D4044,45	EZJZ0V80008B	VARISTOR	2	
D4047,48	MA3056M	ZENER DIODE	2	
D4049-52	B0HCMM000014	DIODE	4	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	(PA)
D5610	MA3X78900L	ZENER DIODE	1	(H)
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5634	MA111	DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5637,38	MA152	DIODE	2	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA111	DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA3120M	ZENER DIODE	1	
D5805,06	MA152	DIODE	2	
D5807	MA111	DIODE	1	
D6001	B0HBSN000008	DIODE	1	
D6021	B0HBSN000008	DIODE	1	
D6032	MA111	DIODE	1	
D6041	B0ECHP000003	DIODE	1	
D6051	B0ECHP000003	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	B0HBSN000008	DIODE	2	
D6091	B0HBSN000008	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6092	B0ECHP000003	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECHP000003	DIODE	2	
D6151-54	B0ECHP000003	DIODE	4	
D6191,92	B0ECHP000003	DIODE	2	
D6211	B0JCME000037	DIODE	1	
D6221	B0ECHP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6401,02	B0HBSN000008	DIODE	2	
D6431,32	B0HBSP000019	DIODE	2	
D6441	B0ECHP000003	DIODE	1	
D6451	B0ECHP000003	DIODE	1	
D6461,62	B0HBSN000008	DIODE	2	
D6466	MA111	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481,82	B0HBSN000008	DIODE	2	
D6491	B0HBSP000019	DIODE	1	
D6497	MA111	DIODE	1	
D6501,02	B0ECHP000003	DIODE	2	
D6521-24	B0ECHP000003	DIODE	4	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623,24	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	MA111	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6671	MA111	DIODE	1	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6801,02	B0JCME000037	DIODE	2	
D6803	MA111	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6822,23	MA111	DIODE	2	
D6825	MA8330M	ZENER DIODE	1	
D6826	MA111	DIODE	1	
D6841	B0ECHP000003	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6903,04	B0ECHP000003	DIODE	2	
D6951,52	MA8056H	ZENER DIODE	2	
D6953,54	B0ECHP000003	DIODE	2	
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9300,01	MA152K	DIODE	2	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9805,06	B0JCGD000002	DIODE	2	
D9807,08	MA152K	DIODE	2	
D9809,10	B0JCGD000002	DIODE	2	
D9811	MA728	DIODE	1	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15B00074	15P CONNECTOR	1	
DG3	K1KY40B00003	40P CONNECTOR	1	
DG5	K1KB21BA0063	21P CONNECTOR	1	
DG7	K1KA20B00155	20P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG15	K1KY40B00003	40P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG35	K1KA07BA0047	7P CONNECTOR	1	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL7101	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL9300,01	F1J1E1040022	LC FILTER	2	
FL9800,01	J0HABH000013	LC FILTER	2	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
FL9900-02	F1J1E1040022	LC FILTER	3	
FL9903,04	J0HABH000013	LC FILTER	2	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03BA0047	3P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5,H6	K1KA15AA0288	15P CONNECTOR	2	
H15	K1KA04AA0150	4P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC12	K1KA09AA0190	9P CONNECTOR	1	
HC15	K1KY40B00003	40P CONNECTOR	1	
HC21	K1KA08AA0193	8P CONNECTOR	1	
HC22	K1KA11AA0194	11P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRN774	IC	1	
IC1102	TVRN767	IC	1	TH-42PV60H/M/MT
IC1102	TVRN764	IC	1	TH-42PV60A
IC1103	MN103SB20RGL	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002468	IC	1	
IC2109	C1BB00000947	IC	1	
IC2302	C1AB00002451	IC	1	
IC2304	C0ABBA000168	IC	1	
IC2306	C0ABBA000168	IC	1	
IC2511	B3L000000020	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4014	C0CBCAC00282	IC	1	TH-42PV60H/M/MT
IC4016	C0CBCAC00275	IC	1	
IC4017	C0CBCAC00282	IC	1	TH-42PV60H/M/MT
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4020	C1AB00002202	IC	1	TH-42PV60H/M/MT
IC4022	TVRN916	IC	1	
IC4023	TVRN917	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002442	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4036	C0JBAP000020	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC4040	C0CBCAC00282	IC	1	TH-42PV60H/M/MT
IC5601A	N0BG2DE00001	IC	1	
IC5602	EHMDD9851	LINEAR IC	1	
IC5603	C0DBAJB00004	IC	1	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZF00003	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561,62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	
IC6602	C0JBAB000715	IC	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721,22	C0JBAZ000994	IC	2	
IC6724,25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773,74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801,02	C0DBEMB00005	IC	2	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-06	AN16072A-VT	IC	6	
IC6951-56	AN16072A-VT	IC	6	
IC7101-05	C0JBAZ001120	IC	5	
IC7201-05	C0JBAZ001120	IC	5	
IC9001	TVRN808	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRN805-1	IC	1	
IC9007	TVRN813	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003185	IC	1	
IC9303	TVRN819	IC	1	
IC9500	C1ZBZ0002599	IC	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9502	PST9128NR	IC (LOGIC)	1	
IC9503,04	C0JBAZ000856	IC	2	
IC9800	C0DBAYY00054	IC	1	
IC9801	C0DBZFG00066	IC	1	
IC9802,03	C0JBAZ000856	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
IC9900	MN84521-A	IC	1	
IC9901	C3ABQJ000051	IC	1	
JK2003	K2HA204A0038	JACK	1	
JK3001	K1FB315AA001	CONNECTOR	1	
JK3100	TJB0A639	TERMINAL	1	
JK3701C	K4AK22B00002	TERMINAL BOARD	1	
JS001	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PV60H/M/MT
JS002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PV60A
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS027	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PV60H/M/MT
JS031	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PV60H/M/MT
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1109	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2021,22	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2123,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2319	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3010-15	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3029	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3033-35	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3202	J0JCC0000241	CHIP INDUCTOR	1	
JS3205	J0JCC0000241	CHIP INDUCTOR	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3239	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3244,45	J0JCC0000241	CHIP INDUCTOR	2	
JS3246	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3265,66	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3307-12	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362,63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3368	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3402,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS3404,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3711-14	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS3716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4013-15	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-42PV60H/M/MT
JS4016,17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4020,21	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PV60H/M/MT
JS4022-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS4025,26	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4029	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4069	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
JS4103,04	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4112,13	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PV60H/M/MT
JS4122	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60A
JS4125	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
JS5601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
K1	K1KY12B00001	12P CONNECTOR	1	
L001	J0JGC0000021	CHIP INDUCTOR COIL	1	
L007	J0JCC0000241	CHIP INDUCTOR	1	
L010,11	J0JCC0000241	CHIP INDUCTOR	2	TH-42PV60H/M/MT
L013	J0JCC0000241	CHIP INDUCTOR	1	
L015	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PV60H/M/MT
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L024	TSK1032	BEAD CHOKE	1	TH-42PV60H/M/MT
L025,26	J0JCC0000241	CHIP INDUCTOR	2	TH-42PV60H/M/MT
L028	J0JGC0000021	CHIP INDUCTOR COIL	1	TH-42PV60H/M/MT
L031,32	J0JGC0000021	CHIP INDUCTOR COIL	2	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003,04	TSK1032	BEAD CHOKE	2	
L2007,08	TSK1032	BEAD CHOKE	2	
L2011,12	TSK1032	BEAD CHOKE	2	
L2015,16	TSK1032	BEAD CHOKE	2	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-03	G0C330MA0049	PEAKING COIL	4	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3009,10	TSK1032	BEAD CHOKE	2	
L3013	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3212	TSK1032	BEAD CHOKE	1	
L3216	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3219	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L4021	J0JHC0000078	CHIP INDUCTOR	1	TH-42PV60H/M/MT
L4023	J0JCC0000077	CHIP INDUCTOR	1	
L4027,28	J0JHC0000078	CHIP INDUCTOR	2	TH-42PV60H/M/MT
L4029	J0JHC0000078	CHIP INDUCTOR	1	
L4031	J0JHC0000078	CHIP INDUCTOR	1	
L4032	J0JHC0000078	CHIP INDUCTOR	1	TH-42PV60H/M/MT
L4033	TALC168T100K	CHIP INDUCTOR COIL	1	TH-42PV60H/M/MT
L4034	J0JCC0000077	CHIP INDUCTOR	1	TH-42PV60H/M/MT
L4037	J0JCC0000077	CHIP INDUCTOR	1	TH-42PV60H/M/MT
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040-46	J0JHC0000078	CHIP INDUCTOR	7	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	
L4065,66	J0JHC0000078	CHIP INDUCTOR	2	
L4068-70	J0JHC0000078	CHIP INDUCTOR	3	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4075,76	J0JHC0000078	CHIP INDUCTOR	2	
L4077	J0JCC0000077	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5605	G0A2R7ZA0021	CHOKE COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621	G1C330MA0234	INDUCTION COIL	1	
L5622,23	G1C150MA0234	INDUCTION COIL	2	
L5624	G1C330MA0234	INDUCTION COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L6001-03	G0C1R9KA0147	PEAKING COIL	3	
L6011-13	G0C1R9KA0147	PEAKING COIL	3	
L6061-68	G0ZZ00002183	PEAKING COIL	8	
L6081-88	G0ZZ00002183	PEAKING COIL	8	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6104,05	J0JJC0000011	CHIP INDUCTOR	2	
L6211,12	J0JJC0000011	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271,72	G0ZZ00002183	PEAKING COIL	2	
L6401-03	G0C1R9KA0147	PEAKING COIL	3	
L6411-13	G0C1R9KA0147	PEAKING COIL	3	
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6472,73	G0ZZ00002183	PEAKING COIL	2	
L6481-88	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-34	K1KA03AA0192	3P CONNECTOR	4	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA2055	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100-03	2SC584500L	TRANSISTOR	4	
Q1108	2SC584500L	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	2SC584500L	TRANSISTOR	1	
Q1113-16	2SC584500L	TRANSISTOR	4	
Q1130	2SC584500L	TRANSISTOR	1	
Q1131	B1ABCF000138	TRANSISTOR	1	
Q1134	2SC584500L	TRANSISTOR	1	
Q1135	B1ABCF000138	TRANSISTOR	1	
Q1137	2SC584500L	TRANSISTOR	1	
Q1139-43	2SC584500L	TRANSISTOR	5	
Q2001,02	2SC584500L	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	2SC584500L	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	2SC584500L	TRANSISTOR	1	
Q2108	2SC584500L	TRANSISTOR	1	

[illegible]	[illegible]	TRANSISTOR	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2112-14	2SC584500L	TRANSISTOR	3	
Q2300 02	2SA207700L	TRANSISTOR	1	
Q2300	2SC584500L	TRANSISTOR	1	
Q2301	2SD601A	TRANSISTOR	1	
Q2301 02	2SD601A	TRANSISTOR	1	
Q2302	2SC584500L	TRANSISTOR	1	
Q2303	2SD601A	TRANSISTOR	1	
Q2306,07	2SA207700L	TRANSISTOR	2	
Q2314-17	2SC584500L	TRANSISTOR	4	
Q2510,11	2SD601A	TRANSISTOR	2	
Q2513	2SD601A	TRANSISTOR	1	
Q3002	2SA207700L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011	2SA207700L	TRANSISTOR	1	
Q3014,15	2SA207700L	TRANSISTOR	2	
Q3017	2SA207700L	TRANSISTOR	1	
Q3204-07	2SC584500L	TRANSISTOR	4	
Q3210	2SA207700L	TRANSISTOR	1	
Q3331-33	2SC2480	TRANSISTOR	3	
Q4043,44	2SA207700L	TRANSISTOR	2	TH-42PV60H/M/MT
Q4046	2SA207700L	TRANSISTOR	1	TH-42PV60H/M/MT
Q4050	2SC584500L	TRANSISTOR	1	
Q4051,52	2SD1030	TRANSISTOR	2	TH-42PV60H/M/MT
Q4053	2SC584500L	TRANSISTOR	1	
Q4054	2SD1030	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-69	2SC584500L	TRANSISTOR	9	
Q4070,71	B1MBACA00008	TRANSISTOR	2	
Q4082,83	2SK1228	FET	2	
Q4918	B1ABCF000138	TRANSISTOR	1	
Q4919	2SC584500L	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5614	2SK3065T100	FET	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6021-23	B1JADN000001	TRANSISTOR	3	
Q6041,42	B1JADN000002	TRANSISTOR	2	
Q6051,52	B1JADN000002	TRANSISTOR	2	
Q6101-04	B1DFKM000002	TRANSISTOR	4	
Q6105	B1ABNF000006	TRANSISTOR	1	
Q6106	B1ADNF000006	TRANSISTOR	1	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM000002	TRANSISTOR	1	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6171	2SD2185	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6181	2SD2185	TRANSISTOR	1	

[illegible]	[illegible]	TRANSISTOR	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6182	B1ADRD000001	TRANSISTOR	1	
Q6221	2SD1263A	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6401-03	B1JADN000001	TRANSISTOR	3	
Q6421-23	B1JAEP000001	TRANSISTOR	3	
Q6441,42	B1JADN000002	TRANSISTOR	2	
Q6451,52	B1JADP000002	TRANSISTOR	2	
Q6471	B1CHGD000006	TRANSISTOR	1	
Q6511	B1ABNF000006	TRANSISTOR	1	
Q6512	B1ADNF000006	TRANSISTOR	1	
Q6516	B1ABNF000006	TRANSISTOR	1	
Q6517	B1ADNF000006	TRANSISTOR	1	
Q6531	2SD2185	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6551	2SD2185	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6621,22	B1DFKM000001	TRANSISTOR	2	
Q6641,42	B1DFKM000001	TRANSISTOR	2	
Q6644,45	B1DFKM000001	TRANSISTOR	2	
Q6647,48	B1DFKM000001	TRANSISTOR	2	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6663	2SD2185	TRANSISTOR	1	
Q6671,72	B1DFET000001	TRANSISTOR	2	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762	B1ADNF000006	TRANSISTOR	1	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6801	B1BAEJ000014	TRANSISTOR	1	
Q6802	2SB0709A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6804	2SD601A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q9010	2SD601A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9055-58	B1CBHD000002	FET	4	
Q9300-02	2SD601A	TRANSISTOR	3	
Q9500	B1CBHD000002	FET	1	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	

[illegible]	[illegible]	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R001	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	TH-42PV60H/M/MT
R005	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	TH-42PV60H/M/MT
R005	ERJ3EKF5600	M 560 OHM, 1/16W	1	TH-42PV60A
R008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R009	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	TH-42PV60H/M/MT
R014	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R016	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	TH-42PV60H/M/MT
R017,18	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R019,20	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	TH-42PV60H/M/MT
R019,20	ERJ3GEY0R00	M 0 OHM, 1/16W	1	TH-42PV60A
R021	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	TH-42PV60H/M/MT
R022	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R023	ERJ3EKF4700	M 470 OHM, 1/16W	1	TH-42PV60A
R023,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	TH-42PV60H/M/MT
R025	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R026	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R027	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	TH-42PV60H/M/MT
R028	ERJ3EKF3602	M 36KOHM, 1/16W	1	TH-42PV60H/M/MT
R028	ERJ3EKF3602	M 36KOHM, 1/16W	1	TH-42PV60A
R029	ERJ3EKF6802	M 68KOHM, 1/16W	1	TH-42PV60A
R029,30	ERJ3EKF6802	M 68KOHM, 1/16W	2	
R031	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1108-12	ERJ2GEJ101	M 100 OHM, J,0.063W	5	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1114	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ103	M 10KOHM, J,0.063W	1	TH-42PV60H/M/MT
R1129	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1130	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1135	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1152	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154,55	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177-79	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1186	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1191	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1193,94	ERJ2GEJ101	M 100 OHM, J,0.063W	2	TH-42PV60H/M/MT
R1197	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1212	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1213	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	
R1238	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1240	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1254	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1298-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1346	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1348	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PV60H/M/MT
R1351	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1367	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1369	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1382,83	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1411	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1436,37	ERJ2GEJ561	M 60 OHM, J,0.063W	2	
R1439	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1441	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1446,47	ERJ2GEJ471	M 470 OHM, J,0.063W	2	
R1448	ERJ2GEJ473	M 47KOHM,J,0.063W	1	TH-42PV60A
R1449	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1451,52	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1461,62	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1466	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1472,73	ERJ2GEJ301	M 300 OHM, J,0.063W	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1475	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1478	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1479,80	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1490	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60A
R1491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R1526	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1554,55	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2160	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-73	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2176,77	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2224,25	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2227	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2228	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2229	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234-37	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2302	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2303	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2304	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2310	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2310	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	(H)
R2311	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(PA)
R2311	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	(H)
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2338	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2349	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2354	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2357	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2365	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2369	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R2372,73	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R2375	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
R2384	ERJ3EKF1151	M1.15KOHM, 1/16W	1	
R2387	ERJ3EKF1151	M1.15KOHM, 1/16W	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2388	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	(PA)
R2388,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	(H)
R2390	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2391	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2392	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2393	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2396	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2397	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(H)
R2397	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2398	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	(H)
R2398	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(PA)
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1071	M1.07KOHM, 1/16W	1	
R2409	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2525	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2530	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2531	ERJ3EKF2700	M 270 OHM, 1/16W	1	
R2542	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2556,57	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R2558	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3001-10	ERJ6ENF75R0	M 75 OHM, 1/10W	10	
R3011	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3012	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3020	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3021,22	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3027	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3039	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059,60	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3061	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3062-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3080	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3087	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094,95	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3096	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3097	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3099-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3118	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3119,20	ERJ3EKF91R0	M 91 OHM, 1/16W	2	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3134	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3135	ERJ3EKF91R0	M 91 OHM, 1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3167	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3174-76	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3219	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239-42	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3250,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3253	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3254	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3255	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3259	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3261-64	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3266,67	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3278,79	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3281	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3283,84	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3286	J0JCC0000241	CHIP INDUCTOR	1	
R3290-93	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3353	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R3354	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R3408,09	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3704	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3714	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3736-41	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3757	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3759-64	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4019	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60A
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4026,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4031-33	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R4037-39	D1HG1038A002	NETWORK RESISTER	3	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4338-43	ERJ2GE0R00	M 0.0 OHM, J,0.063W	6	
R4434	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4436	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4438	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4442,43	ERJ3EKF4220	M 422 OHM, 1/10W	2	TH-42PV60H/M/MT
R4444,45	ERJ3EKF3301	M 3.3KOHM, 1/16W	2	TH-42PV60H/M/MT
R4447	ERJ3EKF7680	M 768 OHM, 1/16W	1	TH-42PV60H/M/MT
R4449	ERJ3EKF1211	M1.21KOHM, 1/16W	1	TH-42PV60H/M/MT
R4450,51	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	TH-42PV60H/M/MT
R4454	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	TH-42PV60H/M/MT
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4466,67	ERJ2GEJ330	M 33 OHM, J,0.063W	2	TH-42PV60H/M/MT
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4476	ERJ2GEJ330	M 33 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4477,78	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	TH-42PV60H/M/MT
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4484,85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	TH-42PV60H/M/MT
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4489	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	TH-42PV60H/M/MT
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4507,08	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4514-16	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-42PV60H/M/MT
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4519	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4523-25	ERJ3EKF33R0	M 33 OHM, 1/16W	3	TH-42PV60H/M/MT
R4526	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	TH-42PV60H/M/MT
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4528-30	ERJ3EKF33R0	M 33 OHM, 1/16W	3	TH-42PV60H/M/MT
R4531	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	TH-42PV60H/M/MT
R4532	ERJ3EKF4700	M 470 OHM, 1/16W	1	TH-42PV60H/M/MT
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4536-38	ERJ3EKF1500	M 150 OHM, 1/16W	3	TH-42PV60H/M/MT
R4539	ERJ3EKF1001	M 1KOHM, 1/16W	1	TH-42PV60H/M/MT
R4541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4545-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	TH-42PV60H/M/MT
R4548	ERJ2GEJ911X	M 910 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4549	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4551	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4553	ERJ2GEJ101	M 100 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4556,57	ERJ2GEJ220	M 22 OHM, J,0.063W	2	TH-42PV60H/M/MT
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4562	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4566	ERJ2GEJ560	M 56 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4567	ERJ2GEJ470	M 47 OHM, J,0.063W	1	TH-42PV60H/M/MT
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4569	D1HG5608A002	NETWORK RESISTER	1	TH-42PV60H/M/MT
R4570,71	EXB28V560JX	RESISTOR ARRAY	2	TH-42PV60H/M/MT
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583,84	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4589-04	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	16	
R4605,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4609,10	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4612,13	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4617,18	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4621	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4622	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4626	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4629-32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R4633,34	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4636	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4660	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4710	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-42PV60A
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4712	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4737	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743-47	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4749,50	EXB2HV680J	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R4762	EXB2HV680J	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4782	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4784	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4814	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4816,17	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R4819	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823-25	J0JAD0000025	CHIP INDUCTOR	3	
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4960	EXB2HV680J	RESISTOR ARRAY	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4961-63	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4964	EXB2HV680J	RESISTOR ARRAY	1	
R4965,66	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4967	EXB2HV680J	RESISTOR ARRAY	1	
R4968-72	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5611	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R5612	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R5615	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R5617	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5625-27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5801	ERJ3EKF8450	M 845 OHM, 1/16W	1	
R5802	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R5803	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5804	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5805-08	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R5809	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5822-24	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5826	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R6001-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6020	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6021	ERJ14YJ150U	M 15 OHM, J,1/4W	1	
R6022	ERG3FJS101D	M 100 OHM, J, 3W	1	
R6023-27	ERJ14YJ150U	M 15 OHM, J,1/4W	5	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6051-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6061,62	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6101-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	8	
R6109	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6116	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133,34	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6135,36	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6141,42	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6146,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153,54	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6155,56	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6171	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6181	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191-94	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6195,96	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	ERJ6GEYJ203	M 20KOHM,J,1/10W	1	
R6226,27	ERJ6GEYJ163	M 16KOHM,J,1/10W	2	
R6228	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6229	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R6231	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6232	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6244	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6245	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6246	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6251	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6401-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6421-26	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6441-44	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6451-54	ERJ14YJ100	M 10 OHM, J,1/4W	4	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6504,05	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6506	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6516,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523,24	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6525,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6531	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6532,33	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6551	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6585	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6586	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6621,22	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6641,42	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6644,45	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6647,48	ERJ6GEYJ100	M 10 OHM,J,1/10W	2	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6663	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6671	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6673,74	D0GD5R6JA059	M 5.6 OHM,J,0.25W	2	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6684	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	D0D32R2JA020	M 2.2 OHM,J,5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756-58	D0GD101JA059	M 100 OHM,J,0.25W	3	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA036	M 150 OHM,J,0.25W	1	
R6781	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801,02	ERX1FJSR22D	M0.22 OHM, J, 1W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6808	ERG3FJS560D	M 56 OHM, J, 3W	1	
R6809	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6810,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERG2FJS183D	M 18KOHM, J, 2W	1	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6816	ERJ6ENF1582	M15.8KOHM, 1/10W	1	
R6817	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825,26	ERJ6ENF2703	M 270KOHM, 1/10W	2	
R6827	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6833-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R6836	ERJ6ENF6802	M 68KOHM, 1/10W	1	
R6837	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ513	M 51KOHM,J,1/10W	1	
R6844	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6845	ERJ6GEYJ513	M 51KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,5W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R6905	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6909	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6913	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6917	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6924	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6931-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6935,36	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6952-54	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R6955	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6959	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6963	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6967	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6971	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6981-84	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6985,86	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7112	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7113,14	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7115	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7116	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7118,19	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7120	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7122-25	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7126	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7127,28	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7132-37	EXB38V470J	RESISTOR ARRAY	6	
R7139,40	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7142-45	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7146	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7149	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7151-54	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7155	EXB38V102J	RESISTOR ARRAY	1	
R7156	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7158,59	EXB38V470J	RESISTOR ARRAY	2	
R7162-67	EXB38V102J	RESISTOR ARRAY	6	
R7169	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7171-74	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7175	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7177	EXB38V102J	RESISTOR ARRAY	1	
R7179,80	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7186,87	EXB38V470J	RESISTOR ARRAY	2	
R7201-07	EXB38V470J	RESISTOR ARRAY	7	
R7208-10	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7212-15	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7216	EXB38V470J	RESISTOR ARRAY	1	
R7217	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7223-26	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7227	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7229	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232-35	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7236	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7237-42	EXB38V102J	RESISTOR ARRAY	6	
R7245	EXB38V102J	RESISTOR ARRAY	1	
R7246-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7250,51	EXB38V470J	RESISTOR ARRAY	2	
R7256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7258	EXB38V102J	RESISTOR ARRAY	1	
R7260	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7262-65	ERJ12YJ6R8U	M 6.8 OHM, J,1/2W	4	
R7266	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7269	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7270	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7271	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9100,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110,11	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9152,53	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156-59	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9164-66	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9167,68	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9173-75	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9240	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9348	D1HG8208A002	NETWORK RESISTER	1	
R9349	EXB38V820J	RESISTOR ARRAY	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352	EXB38V820J	RESISTOR ARRAY	1	
R9353,54	D1HG8208A002	NETWORK RESISTER	2	
R9355,56	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9357-59	D1HG8208A002	NETWORK RESISTER	3	
R9360	EXB38V820J	RESISTOR ARRAY	1	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9367	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9368	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9382	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9390	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9394	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9395	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9501	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9511-13	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9514	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9516	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9518	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9522-25	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9527,28	EXB2HV272JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9537	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9539	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9555	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9800	ERJ3EKF1302	M 23KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9821	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9823-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV272JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9861-63	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9864,65	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9917,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9919,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9922	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9941,42	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	
R9952-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9956	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RTL	TNPA3756CS	CIRCUIT BOARD DG	1	TH-42PV60H/M/MT
RTL	TNPA3756CP	CIRCUIT BOARD DG	1	TH-42PV60A
RTL	TNPA3760AD	CIRCUIT BOARD H	1	
RTL	TNPA3768AB	CIRCUIT BOARD TA	1	TH-42PV60H/M/MT
RTL	TNPA3768AC	CIRCUIT BOARD TA	1	TH-42PV60A
RTL	TNPA3852	CIRCUIT BOARD HC	1	
RTL	TNPA3761AC	CIRCUIT BOARD PA	1	
RTL	TNPA3812	CIRCUIT BOARD C1	1	
RTL	TNPA3813	CIRCUIT BOARD C2	1	
RTL	TZTNP01BJTB	CIRCUIT BOARD D	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TNPA3911	CIRCUIT BOARD P	1	
RTL	TNPA3814	CIRCUIT BOARD SC	1	
RTL	TNPA3819	CIRCUIT BOARD SD	1	
RTL	TNPA3815	CIRCUIT BOARD SS	1	
RTL	TNPA3818	CIRCUIT BOARD SU	1	
RTL	TNPA3764AF	CIRCUIT BOARD G	1	
RTL	TNPA3848AD	CIRCUIT BOARD GK	1	
RTL	TNPA3762AE	CIRCUIT BOARD K	1	
RTL	TNPA3763AC	CIRCUIT BOARD S	1	
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SD1-D4	K1MN96B00005	96P CONNECTOR	4	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U4	K1MN96B00005	96P CONNECTOR	4	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	
SW3753-57	EVQ11G05R	SWITCH	5	
T6602	ETS25AZ139AD	SWITCHING TRANS	1	
TA5,A6	K1KB15B00013	15P CONNECTOR	2	
TU001	ENGF9301GF	TUNER	1	TH-42PV60H/M/MT
TU001	ENG37A12GF	TUNER	1	TH-42PV60A
TU002	ENG39A01GF	TUNER	1	TH-42PV60H/M/MT
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X4006	H0J202500016	CRYSTAL	1	TH-42PV60H/M/MT
X9000	H2D200500011	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA2300,01	K4CZ01000027	COMPATIBLE WITH JALCO K9	2	
ZA3401-03	K4CZ01000027	COMPATIBLE WITH JALCO K9	3	
ZA3405	K4CZ01000027	COMPATIBLE WITH JALCO K9	1	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001,02	K4CD08000002	TERMINAL	2	
ZA6001,02	K4CD01000011	TERMINAL	2	
ZA6005	K4CD01000011	TERMINAL	1	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-04	K4CD01000013	TERMINAL	4	
ZA7201-04	K4CD01000013	TERMINAL	4	
ZA9001	K4CD01000011	TERMINAL	1	
C402	F1J1C1050011	C 1UF, Z, 50V	1	
C404	F0CAF105A021	C 1UF, 250V	1	
C407	EEUEB2W220B	E 22UF, 450V	1	
C408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C409	F0CAF225A021	C 22UF, 250V	1	
C410	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C413	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C414	ECQU2A473ML	P 0.047UF, M,250V	1	
C421	F1J1C1050011	C 1UF, Z, 50V	1	
C422	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429	F1E2J4730001	C 0.047PF, , 600V	1	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432	F1J1C1050011	C 1UF, Z, 50V	1	
C433	ECJ3XB1E104K	C 0.1UF, K, 25V	1	
C434	F1J1C1050011	C 1UF, Z, 50V	1	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446,47	F2B2W2010001	C 200UF, 450V	2	
C450	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C467	ECKCNA221KB7	C 220PF, M,	1	
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C469	ECKCNA221KB7	C 220PF, M,	1	
C470	F0CAF105A021	C 1UF, 250V	1	
C473,74	ECKCNA101KB7	C 100PF	2	
C476	ECKCNA101KB7	C 100PF	1	
C478	ECKCNA101KB7	C 100PF	1	
C493	ECA1HM470	E 47UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C494	F2A2E1R00008	E 1.0UF, 250V	1	
C497	ECA1HM470	E 47UF, 50V	1	
C501,02	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C503	ECJ2XC1H471J	C 470PF, J, 50V	1	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506,07	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C508	ECJ2XC1H471J	C 470PF, J, 50V	1	
C509	ECA1EHG101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	F2A1A1220011	E 1200UF, 10V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2A1E221A096	E 220UF, 25V	1	
C518	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C519	F1J1C1050011	C 1UF, Z, 50V	1	
C520	ECWH8683RHV	P 0.068PF, J, 8KV	1	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C526	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C531	ECJ3YB1E105K	C 1UF, K, 25V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C550	ECJ2XC1H331J	C 330PF, J, 50V	1	
C551,52	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	F2A2C471A119	E 470UF, 160V	1	
C556,57	EEUFC1E152	E 1500UF, 25V	2	
C558	F2A1E471A096	E 470UF, 25V	1	
C559	F2A1A1220011	E 1200UF, 10V	1	
C562	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C571	ECJ2XC1H330J	C 33PF, J, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	F2A2A330A022	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584,85	ECJ2XB1H223K	C 0.022UF, K, 50V	2	
C587	ECJ2XB1H332K	C 3300PF, K, 50V	1	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECJ2FB1E105K	C 1UF, K, 25V	1	
C604,05	F2A2D1510008	E 150UF, 200V	2	
C607	F1J1C1050011	C 1UF, Z, 50V	1	
C608	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2T1420003	E 1400UF, 220V	1	
C612,13	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C615	F2B2T1420003	E 1400UF, 220V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C624	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C625	ECA1HM100	E 10UF, 50V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C627	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C629-31	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C632	ECJ2XC1H331J	C 330PF, J, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C650	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C653	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C654	ECJ3YB1E105K	C 1UF, K, 25V	1	
C655,56	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C657	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C658	ECJ3YB1E105K	C 1UF, K, 25V	1	
C659	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C660	ECJ2FB1C225K	C 22UF, K, 16V	1	
C661,62	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
D401	B0FBCT000004	DIODE	1	
D404	B0EBKT000007	DIODE	1	
D407	MA111	DIODE	1	
D411	B0BB17000009	DIODE	1	
D412	B0HAMM000122	DIODE	1	
D415	B0JAME000099	DIODE	1	
D416	B0HAMP000067	DIODE	1	
D417	B0HAPR000013	DIODE	1	
D418	B0BC8R100013	DIODE	1	
D419,20	B0HAPR000013	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D429	ERA15-10	DIODE	1	
D430	MA111	DIODE	1	
D431,32	B0JCDD000002	DIODE	2	
D433	B0BC01400033	DIODE	1	
D435	ERA15-10	DIODE	1	
D436-38	MA4200M	ZENER DIODE	3	
D441	B0HAMM000122	DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA4360H	ZENER DIODE	1	
D501	B0HAPR000012	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000099	DIODE	1	
D506	MAZ80470LL	ZENER DIODE	1	
D507,08	B0BC7R400023	DIODE	2	
D509	B0JANG000018	DIODE	1	
D511	B0JAML000011	DIODE	1	
D512,13	MA111	DIODE	2	
D514	B0BC6R100025	DIODE	1	
D515	B0BC3R200008	DIODE	1	
D516-18	MA4330M	ZENER DIODE	3	
D520	MA111	DIODE	1	
D521	B0JAME000099	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D528,29	MA153	DIODE	2	
D530	B0BC9R900013	DIODE	1	
D531	B0HBSN000013	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSG000026	DIODE	1	
D538	B0BC5R100039	DIODE	1	
D539,40	B0AARR000010	DIODE	2	
D542	MA4200M	ZENER DIODE	1	
D543	B0BC01400033	DIODE	1	
D544,45	MA4200M	ZENER DIODE	2	
D549	B0BC02500008	DIODE	1	
D551	B0BC01300033	DIODE	1	
D555	B0BC7R400023	DIODE	1	
D559	B0BC7R400023	DIODE	1	
D563	B0BC6R100025	DIODE	1	
D569-72	B0BC02500008	DIODE	4	
D574	MA165	DIODE	1	
D575	MA188	DIODE	1	
D579	MA165	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D585	B0BC7R400023	DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
D588	B0BC3R200008	DIODE	1	
D590	B0BC3R200008	DIODE	1	
D596	ERA15-10	DIODE	1	
D598	B0BC5R100039	DIODE	1	
D599	B0JCND000009	DIODE	1	
D600	B0BC7R400023	DIODE	1	
D601	B0BC5R100039	DIODE	1	
D602	B0BC8R100013	DIODE	1	
F410	K5G102B00020	FUSE	1	
IC401	CNC1S171R	IC	1	
IC402	C0DAEMB00004	IC	1	
IC403-05	CNC1S171R	IC	3	
IC406	C0DAZZZ00021	IC	1	
IC408	CNC1S171R	IC	1	
IC409	MIP2G40MPSCF	IC	1	
IC410	CNC1S171R	IC	1	
IC411	C0DAEMB00004	IC	1	
IC412	CNC1S171R	IC	1	
IC501	C2ABDB000108	IC	1	
IC502	C0EBH0000210	IC	1	
IC504	C0DAEMB00004	IC	1	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	CNC1S171R	IC	1	
IC509	C0DABZZ00010	IC	1	
IC510	C0DBAZG00034	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	LSSK0062	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00004	CHOKE COIL	2	
L410	ELF17N004A	LINE FILTER	1	
L510	EXCELDR25C	BEAD CHOKE	1	
L511	G0A470ZA0033	CHOKE COIL	1	
L512	ELESE4R7JA	PEAKING COIL	1	
L513	EXCELDR25C	BEAD CHOKE	1	
L514	G0A100GA0013	CHOKE COIL	1	
P2	K1KA02A00626	2P CONNECTOR	1	
P5	K1KA11AA0194	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06A00452	6P CONNECTOR	1	
P11	K1KA02A00626	2P CONNECTOR	1	
P12	K1KA10AA0194	10P CONNECTOR	1	
P23	K1KA03AA0193	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
PMM1	TMM7464-2	CLAMPER	1	
PMM2,M3	TMME088	CLAMPER	2	
PMM4-M6	TMM7464-2	CLAMPER	3	
PMM7	TMME047	CLAMPER	1	
PR401	K5Y502BA0001	FUSE	1	
PR505	K5H5022A0023	FUSE	1	
PR509	ERBSE0R50U	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q401	B1CHND000004	TRANSISTOR	1	
Q402	B1DFDD000019	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEKQ000003	TRANSISTOR	1	
Q407	B1HFCFA00021	TRANSISTOR	1	
Q408,09	B1DHCD000034	TRANSISTOR	2	
Q412,13	B1DEGQ000070	TRANSISTOR	2	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q434	B1CEJQ000003	eds	1	
Q501,02	2SD1820A	TRANSISTOR	2	
Q505	B1CEJQ000002	eds	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	B1HBCFA00033	TRANSISTOR	1	
Q509	B1HDCEA00001	TRANSISTOR	1	
Q510	B1DHBD000005	TRANSISTOR	1	
Q512	B1CBGD000001	FET	1	
Q517	B1HBCFA00033	TRANSISTOR	1	
Q520	B1HBCFA00033	TRANSISTOR	1	
Q521	B1CBGD000001	FET	1	
Q524	B1CFGF000008	TRANSISTOR	1	
Q525	B1CBGD000001	FET	1	
Q527	B1CERL000005	TRANSISTOR	1	
Q530	2SD1819A	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q537	B1DFDD000019	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q538	B1CBGD000001	FET	1	
Q540	B1DHCD000034	TRANSISTOR	1	
Q541	B1CBGD000001	FET	1	
Q551	B1CBGD000001	FET	1	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHCD000034	TRANSISTOR	1	
Q555,56	B1DFGD000045	TRANSISTOR	2	
Q557-59	2SD1819A	TRANSISTOR	3	
Q561	2SD1819A	TRANSISTOR	1	
Q563	B1CFGF000008	TRANSISTOR	1	
Q564,65	2SB1218ARL	TRANSISTOR	2	
Q566	2SD1819A	TRANSISTOR	1	
Q568	B1CHGD000006	TRANSISTOR	1	
Q569	B1CBGD000001	FET	1	
R401	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R402	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R403	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R404	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R406	ERX12SJ2R2V	M 2.2 OHM, J,1/2W	1	
R407	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R410	D1F5100E0003	CHIP RESISTOR	1	
R412	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R413	D1F5100E0003	CHIP RESISTOR	1	
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R434	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R435	ERJ8ENF4303	M 43KOHM, 1/8W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R448,49	D0XGR08J0001	M 0.08OHM,J, 5W	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ305	M 3MOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R456	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R459	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R461	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R467	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R471	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R480	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	D0BF225JA030	M 22MOHM,J,0.05W	1	
R487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R488	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R498	ERG3SJ101	M 100 OHM, J, 3W	1	
R499	D0BF394JA029	M 390KOHM,J,0.05W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R524	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R529	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R532	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R533	ERJ6GEYJ163	M 16KOHM,J,1/10W	1	
R534	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R540,41	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R548	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R549	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R550	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R551	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R552	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R553	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R554	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R558	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R559	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R560	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R561	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R562	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R565,66	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R567,68	ERJ8ENF1004	M 100KOHM, 1/8W	2	
R569	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R570	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R571	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R587	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R597,98	ERJ6ENF3302	M 33KOHM, 1/10W	2	
R599,00	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	

[illegible]	[illegible]	[illegible]	[illegible]	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R603	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R616,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R630	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R634	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R638	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R639,40	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQJR39	M0.39 OHM, 1/8W	3	
R645	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646,47	ERJ8GEYJ223	M 22KOHM, J,1/8W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651,52	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R653	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R654	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R655	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R662	ERJ6ENF1503	M 150KOHM, 1/10W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R672,73	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R675	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R678	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R679,80	ERJ8RSJR16V	M 16 OHM, 1/8W	2	
R682	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R683	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R684	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R685,86	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688,89	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R690	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R693	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R695	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R698	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R699-08	ERJ8GEYJ105	M 1MOHM, J,1/8W	10	
R711	ERJ8RSJR16V	M 16 OHM, 1/8W	1	
R712	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R714	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R715	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R921	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R931	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R932	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R933	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R935	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R936	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R937	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R938	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R939,40	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R943	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R945	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R946	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R947	ERJ8GEYJ331	M 330 OHM, J,1/8W	1	
R950	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R951,52	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R953	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
RL402,03	TSEH8011	RELAY	2	
S401,02	J0LT00000009	SWITCH	2	
T401	G4D4A0000117	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	
T404	ETS42LA12GAD	SWITCHING TRANS	1	
T407	ETQ11K5AZ	CHOKE TRANS	1	
T410	ETS25AF115AH	SWITCHING TRANS	1	
T601	G4D2A0000264	SWITCHING TRANS	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
W9,10	J0JKB0000037	FLAT CORE	2	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z420	TMM23417	CLAMPER	2	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401	ERZVGED621T2	VARISTOR	1	
ZN402	D4EAD7510001	VARISTOR	1	
ZN404	ERZVGAD681T2	VARISTOR	1	
ZN405-06	ERZVA7D511	VARISTOR	2	

17. Schematic Diagram for printing with A4

14 Schemaatic and Block Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

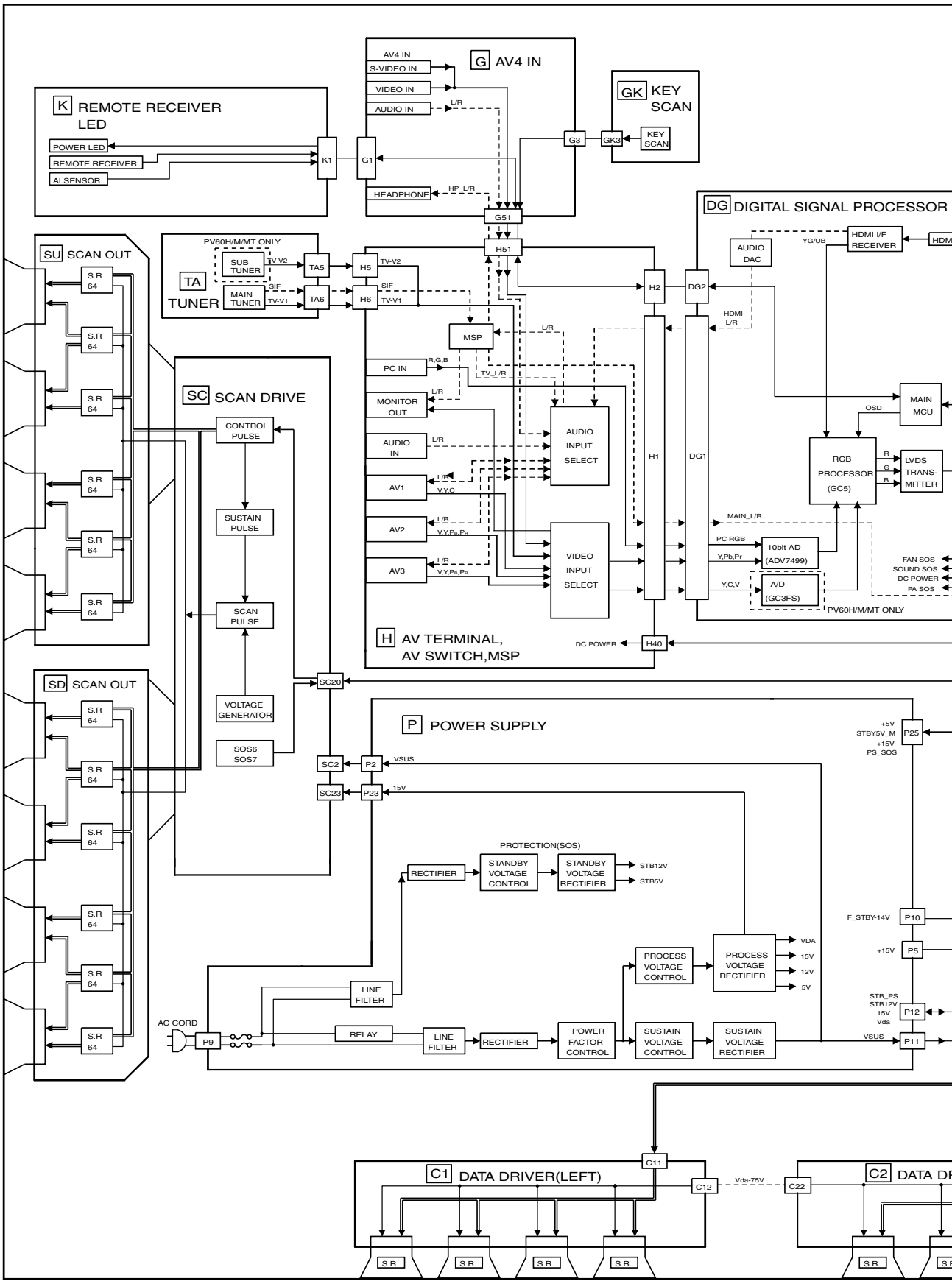
Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

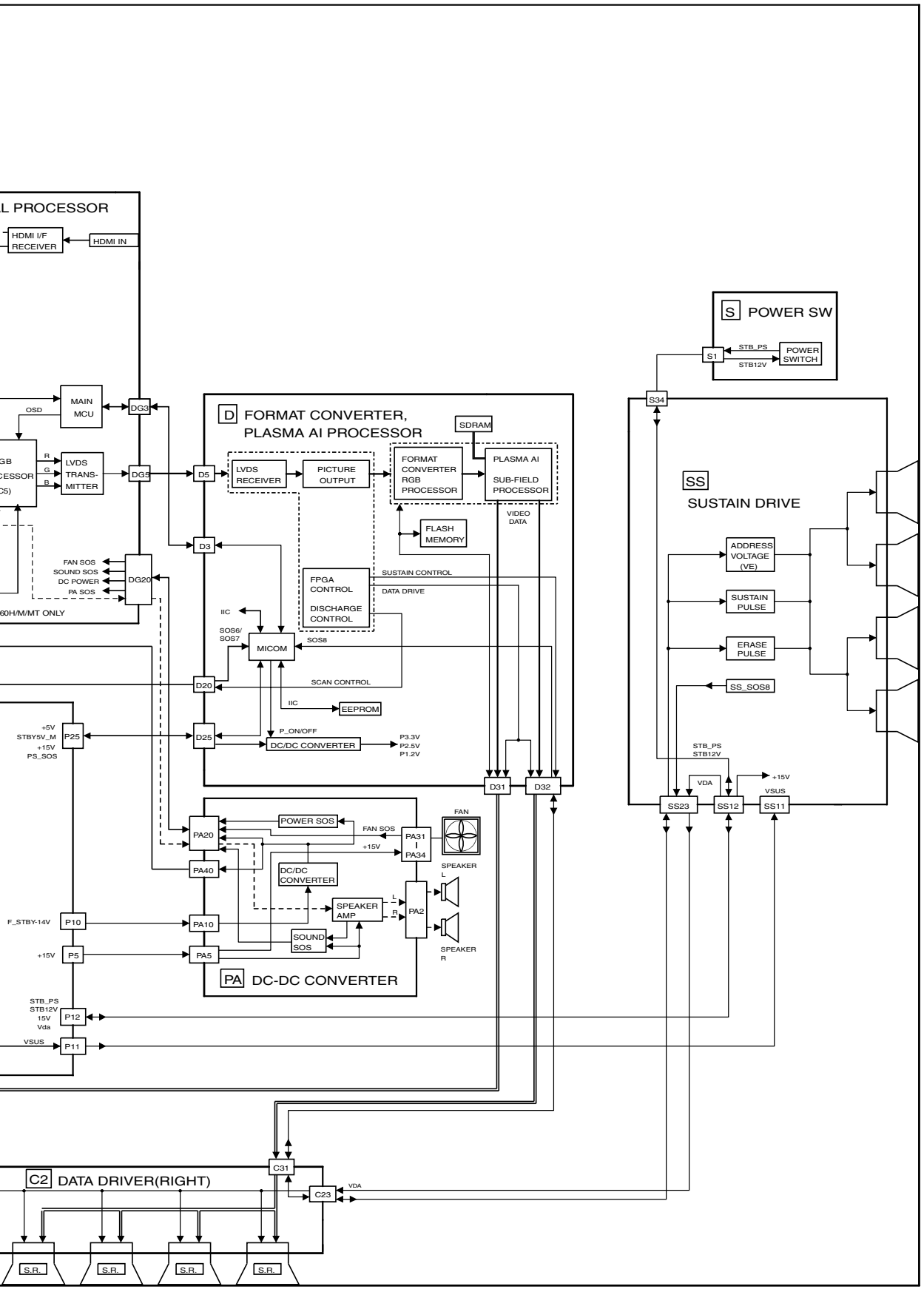
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
      Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

14.2. Main Block Diagram

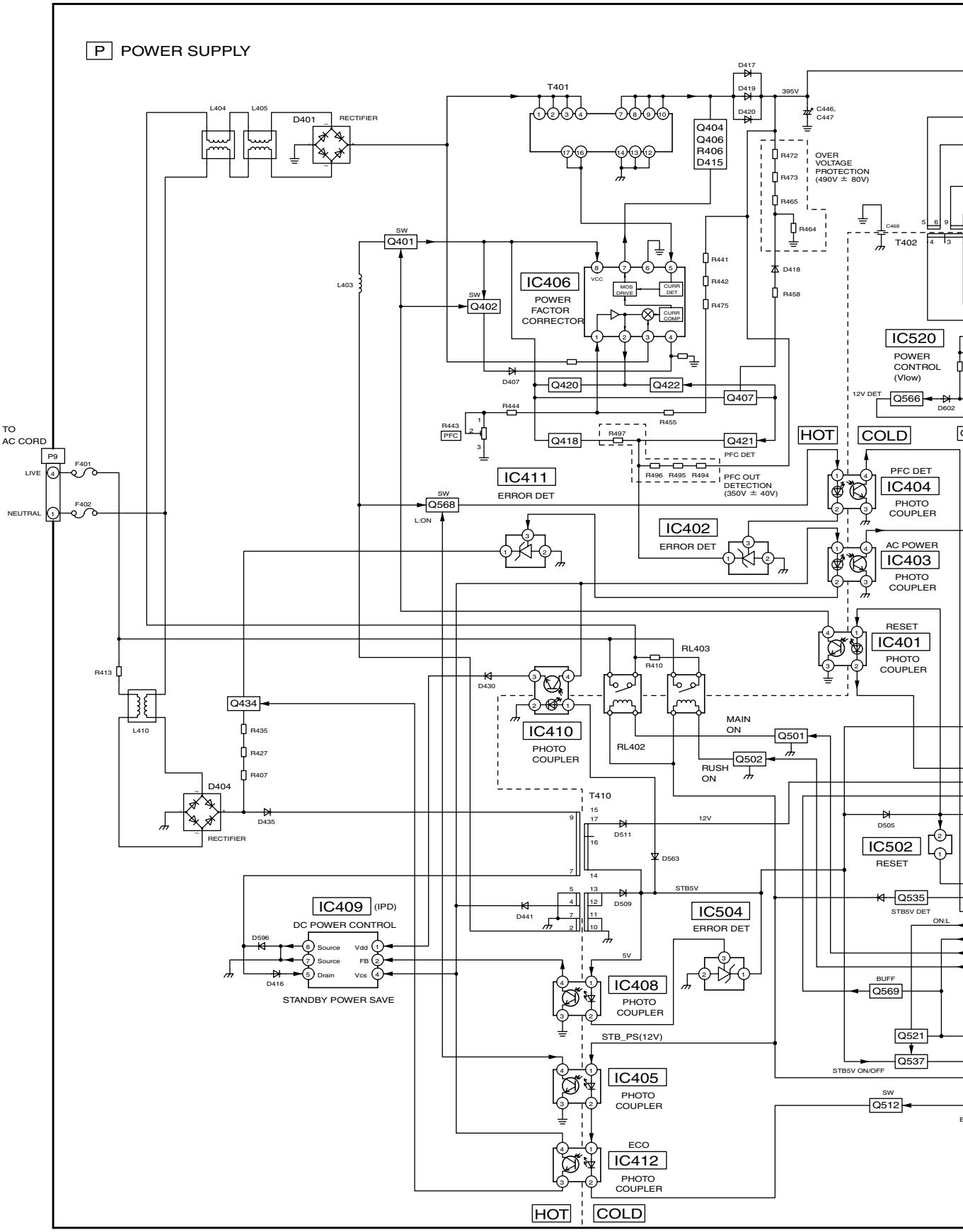


TH-42PV60A/H/M/MT
Main Block Diagram

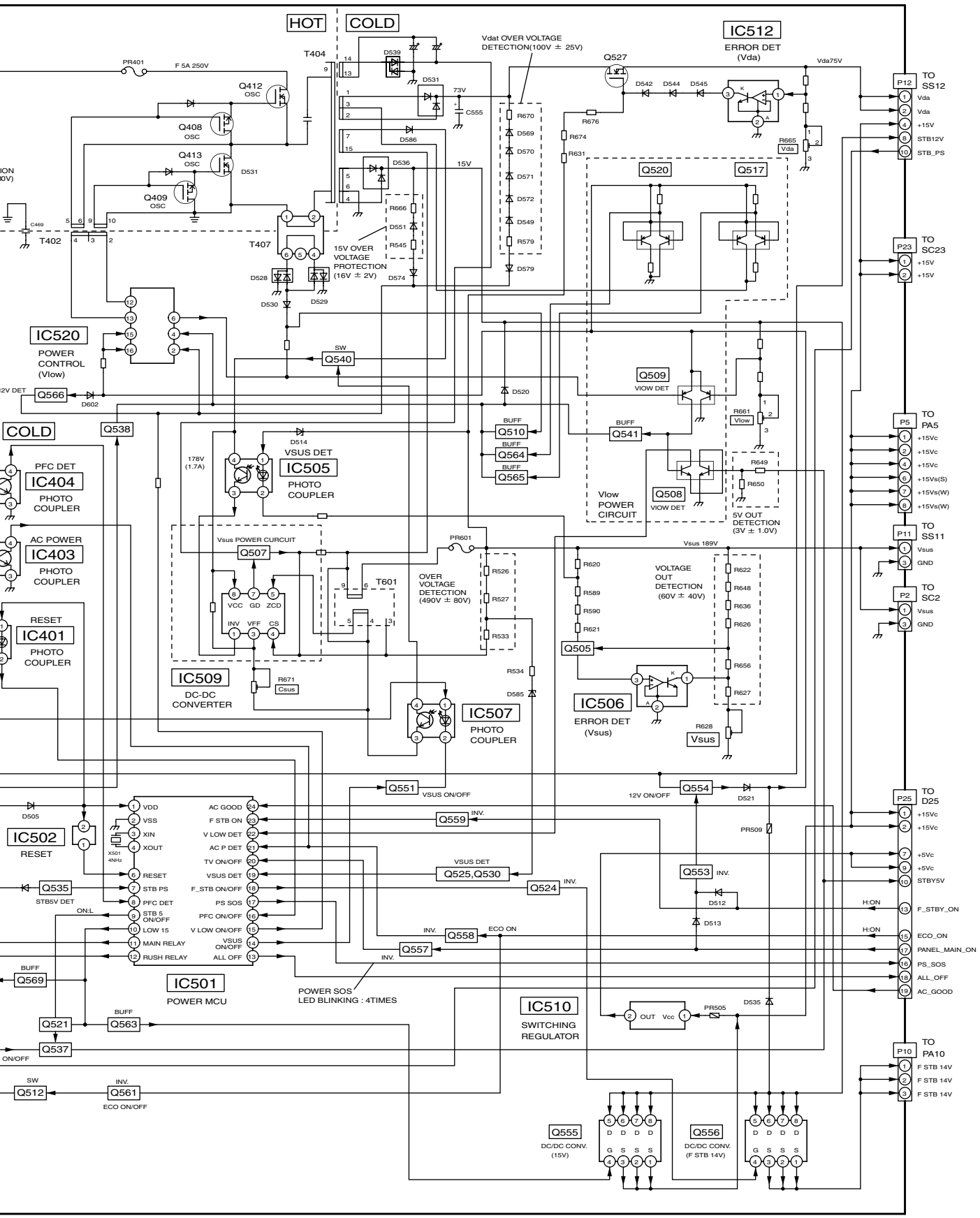


TH-42PV60A/H/M/MT
Main Block Diagram

14.3. P-Board Block Diagram

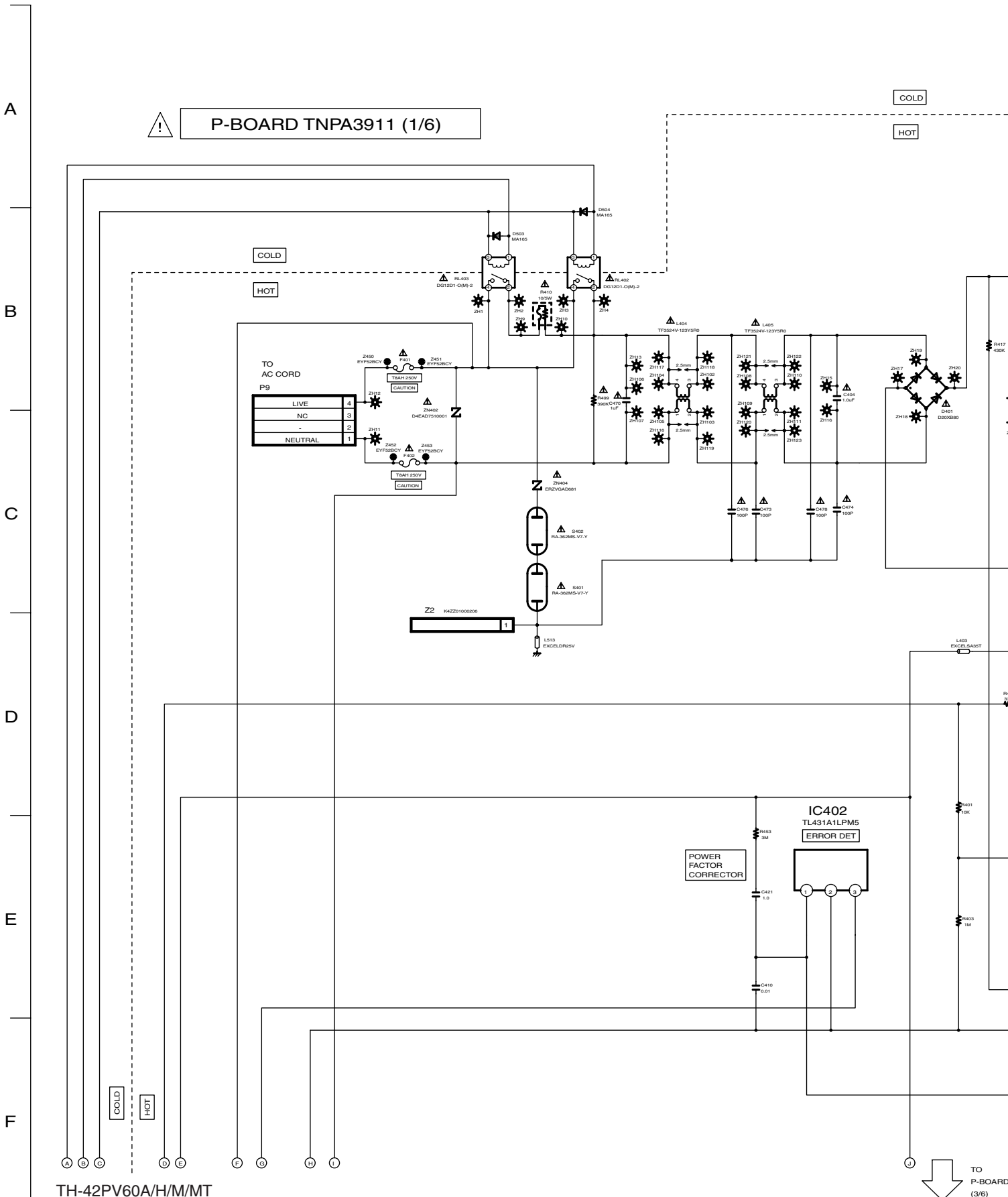


TH-42PV60A/H/M/MT
P-Board Block Diagram

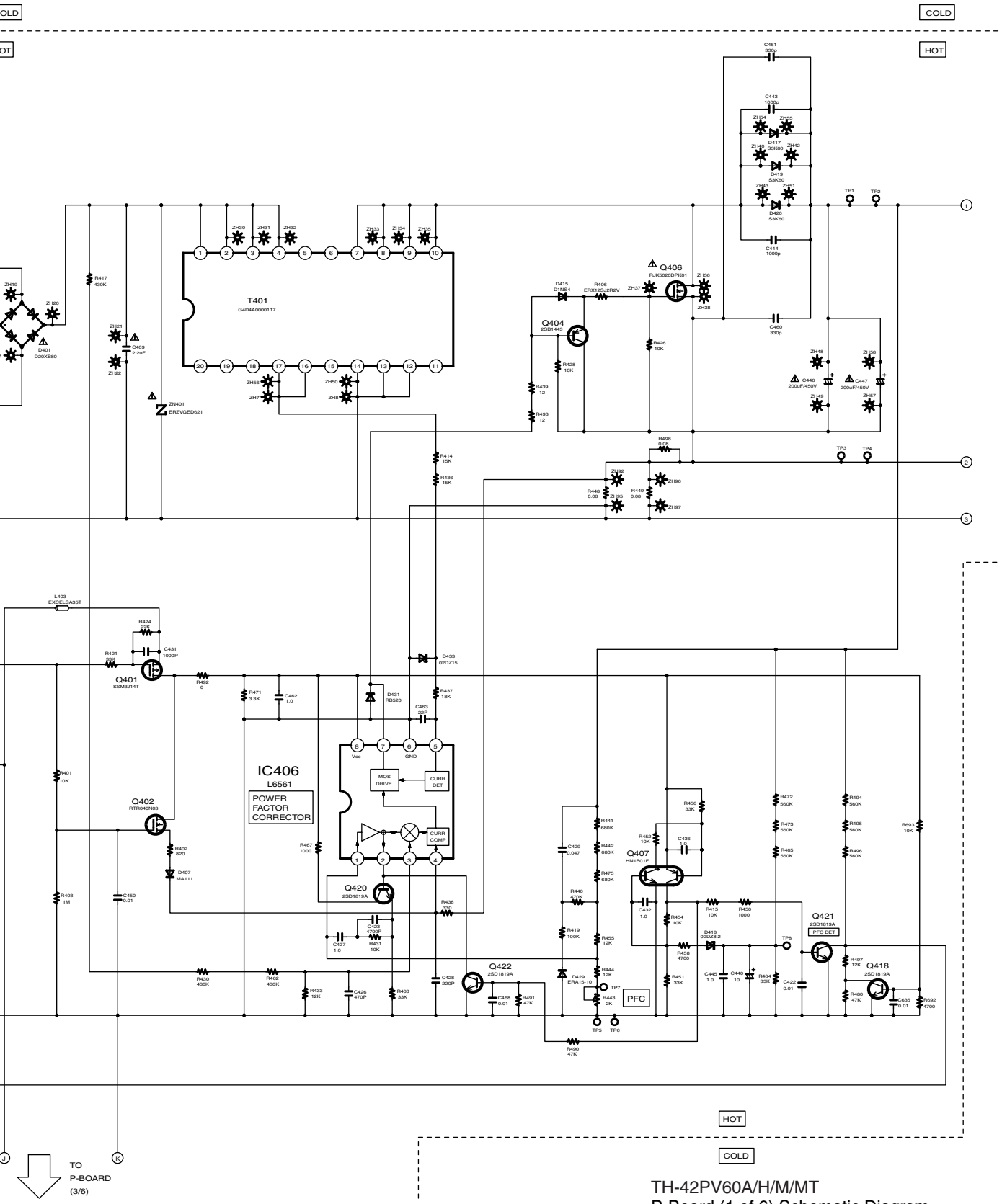


TH-42PV60A/H/M/MT
P-Board Block Diagram

14.4. P-Board (1 of 6) Schematic Diagram



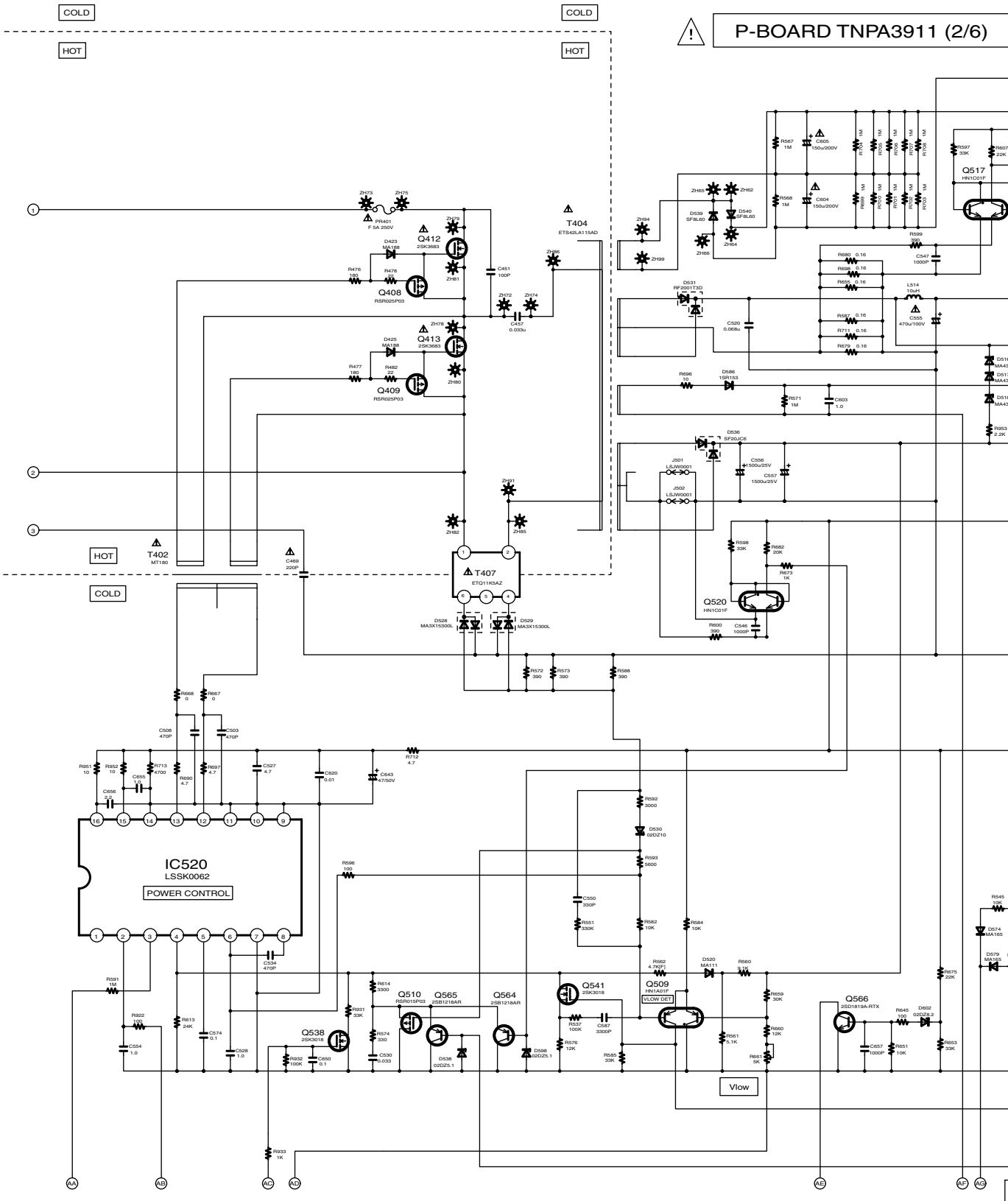
TH-42PV60A/H/M/MT
P-Board (1 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
P-Board (1 of 6) Schematic Diagram

5 6 7 8 9

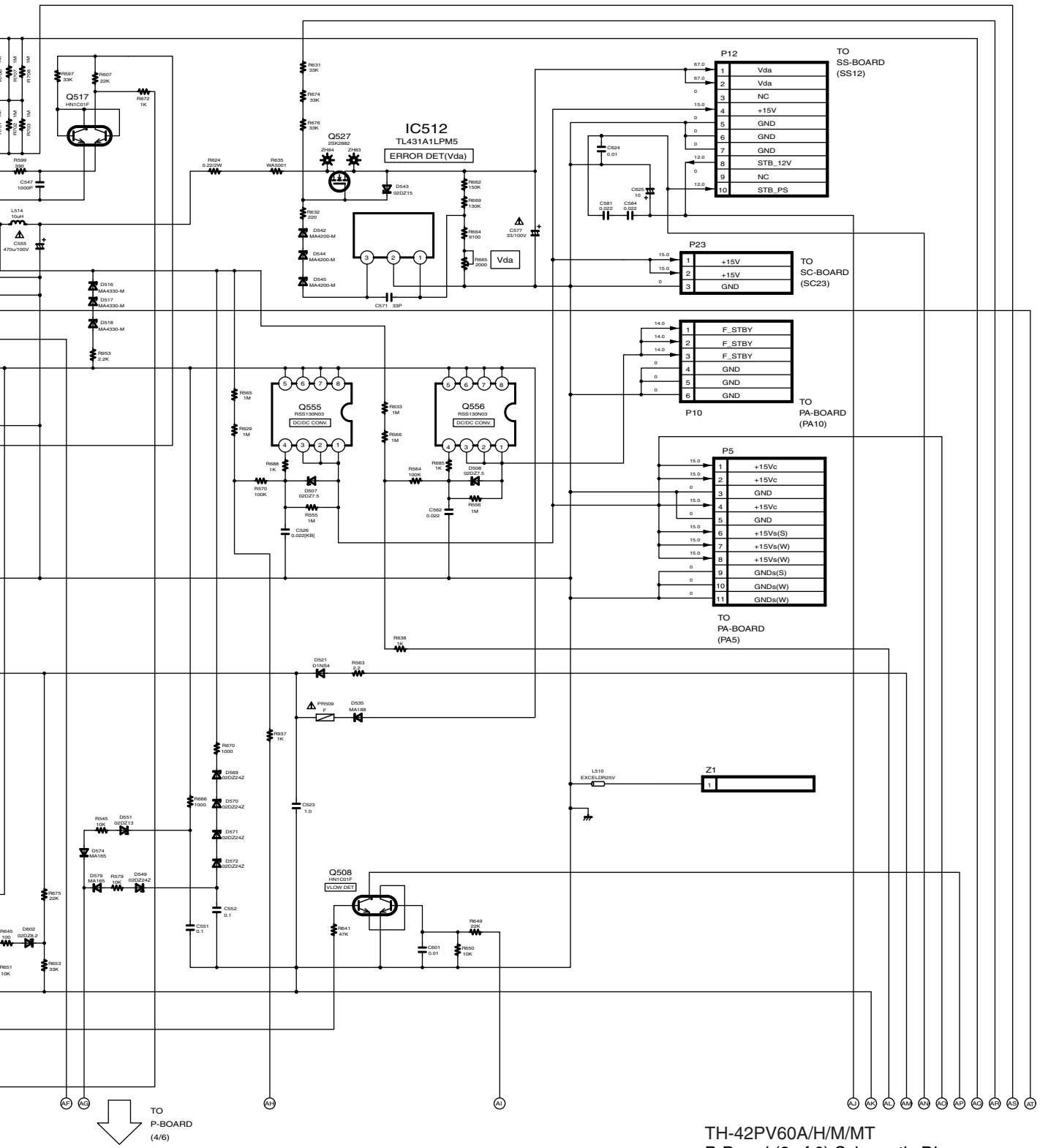
14.5. P-Board (2 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
P-Board (2 of 6) Schematic Diagram

10 11 12 13 14

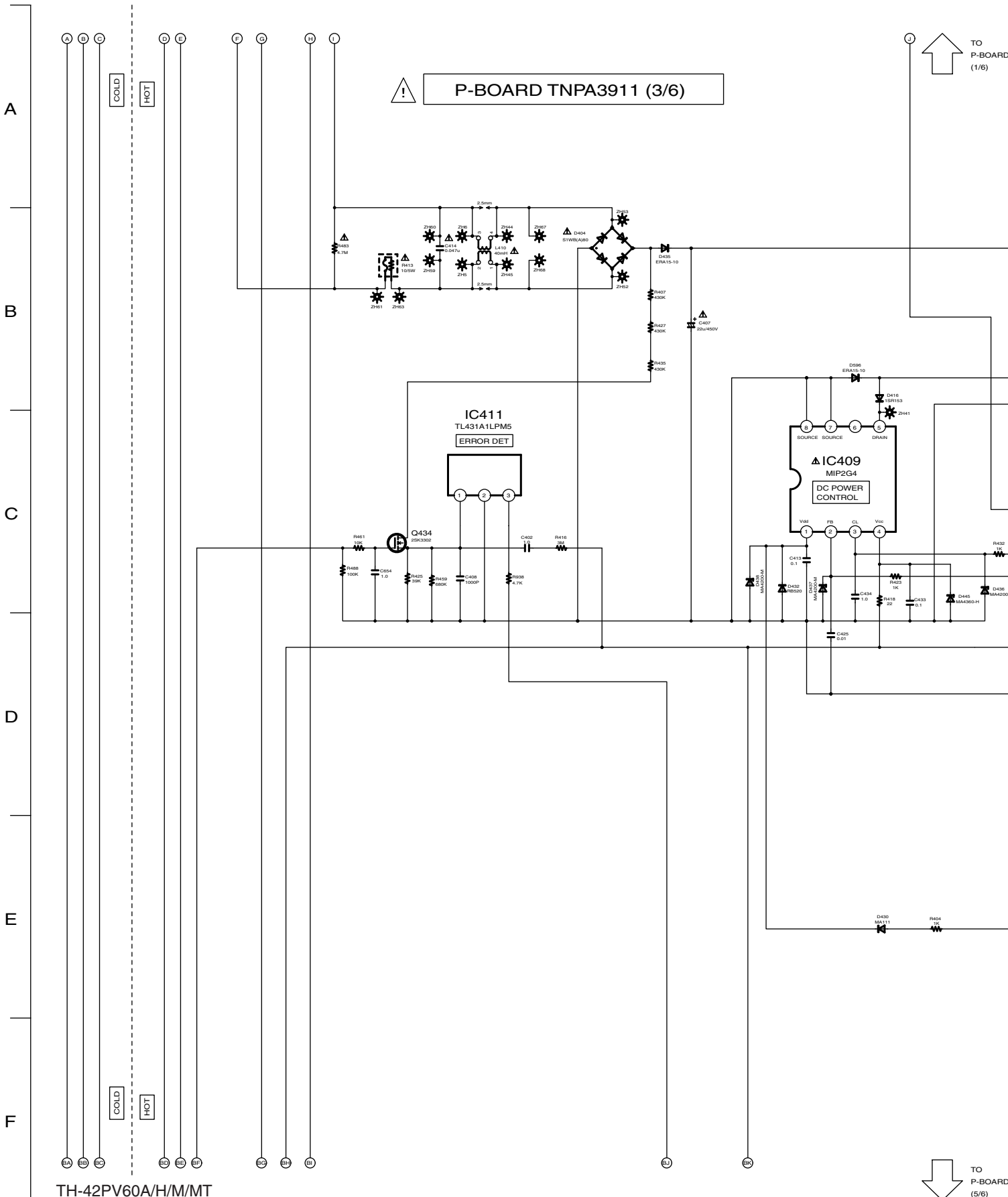
3911 (2/6)



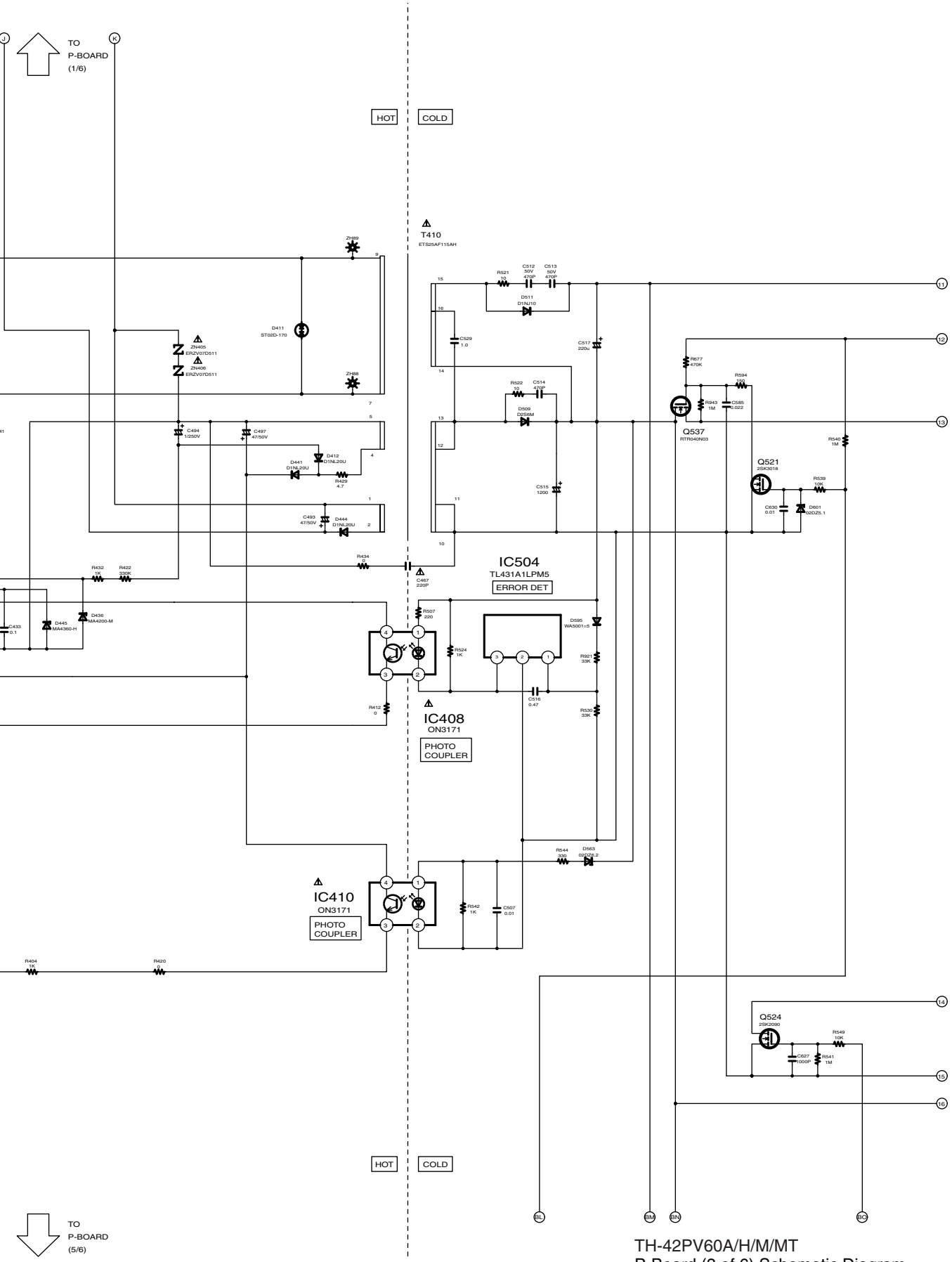
TH-42PV60A/H/M/MT
P-Board (2 of 6) Schematic Diagram

14 15 16 17 18

14.6. P-Board (3 of 6) Schematic Diagram

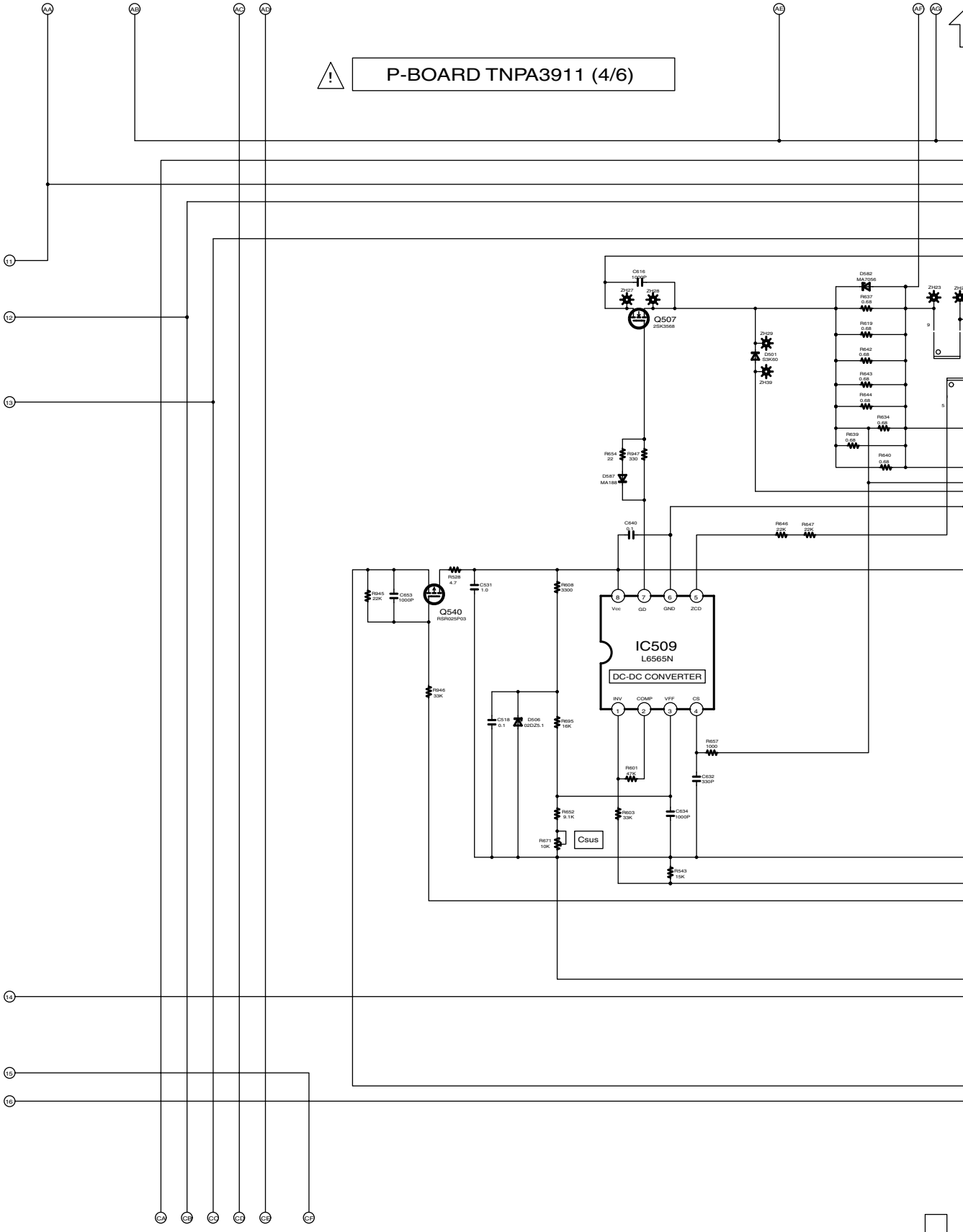


TH-42PV60A/H/M/MT
P-Board (3 of 6) Schematic Diagram



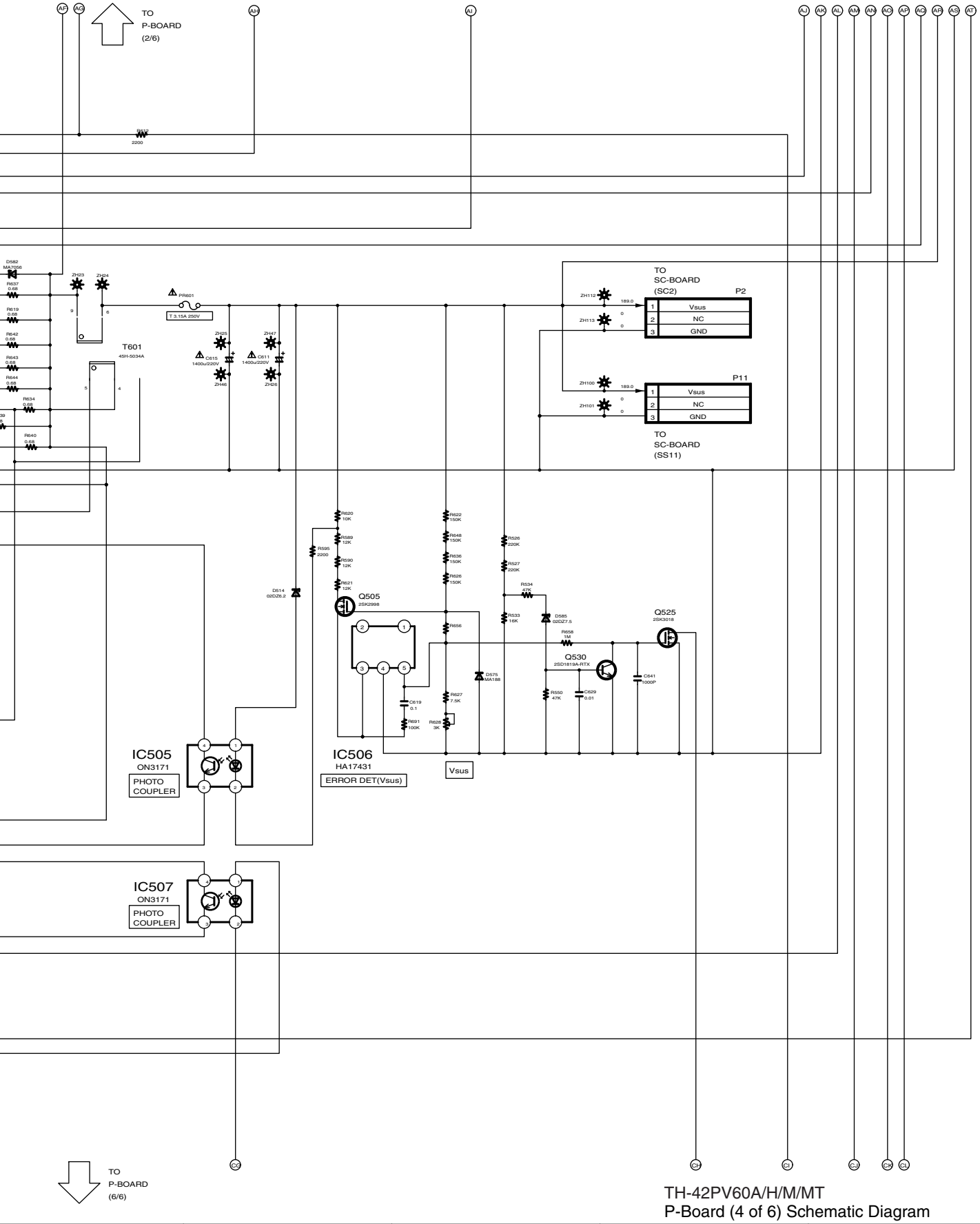
TH-42PV60A/H/M/MT
P-Board (3 of 6) Schematic Diagram

14.7. P-Board (4 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
P-Board (4 of 6) Schematic Diagram

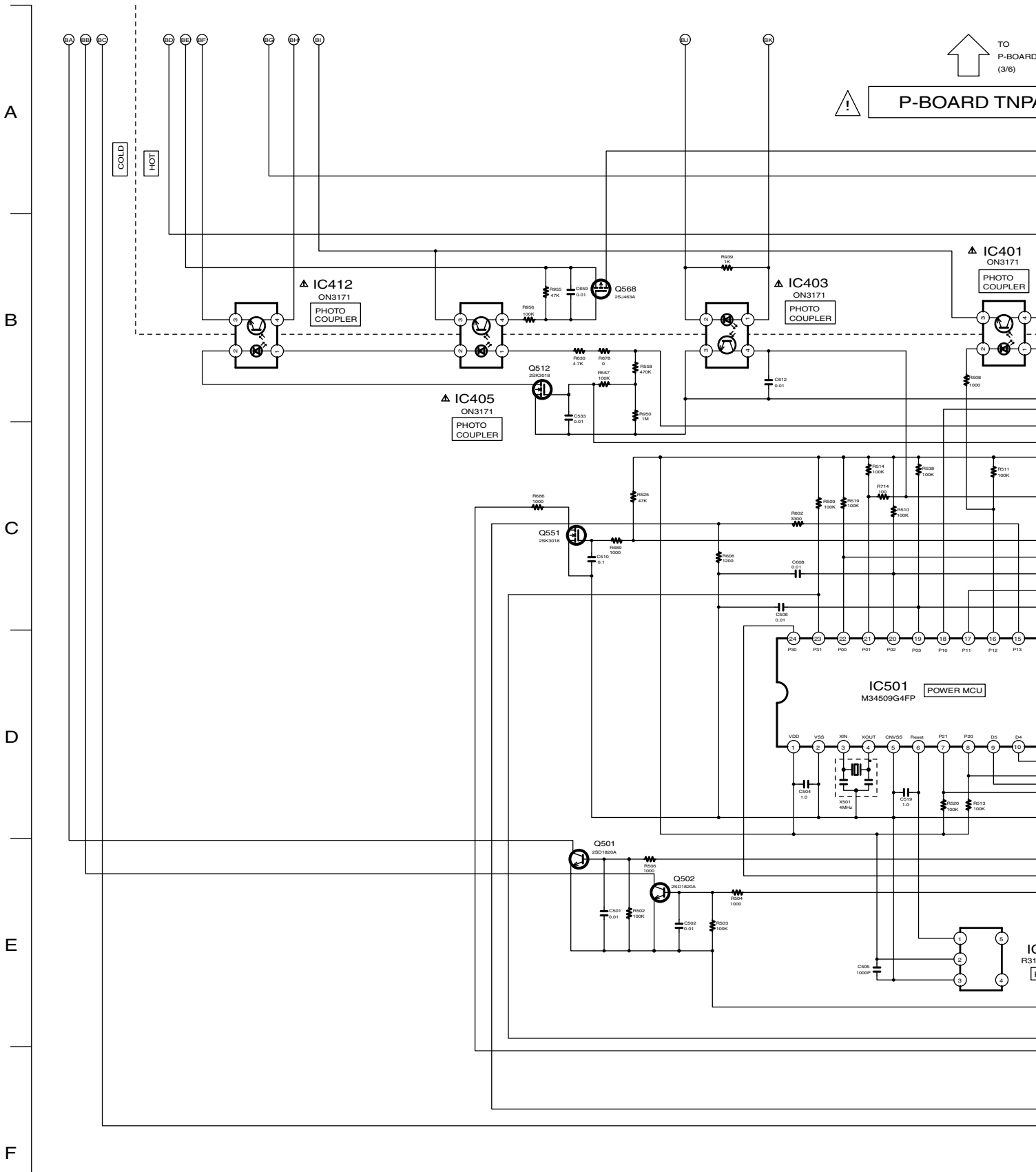
10 11 12 13 14



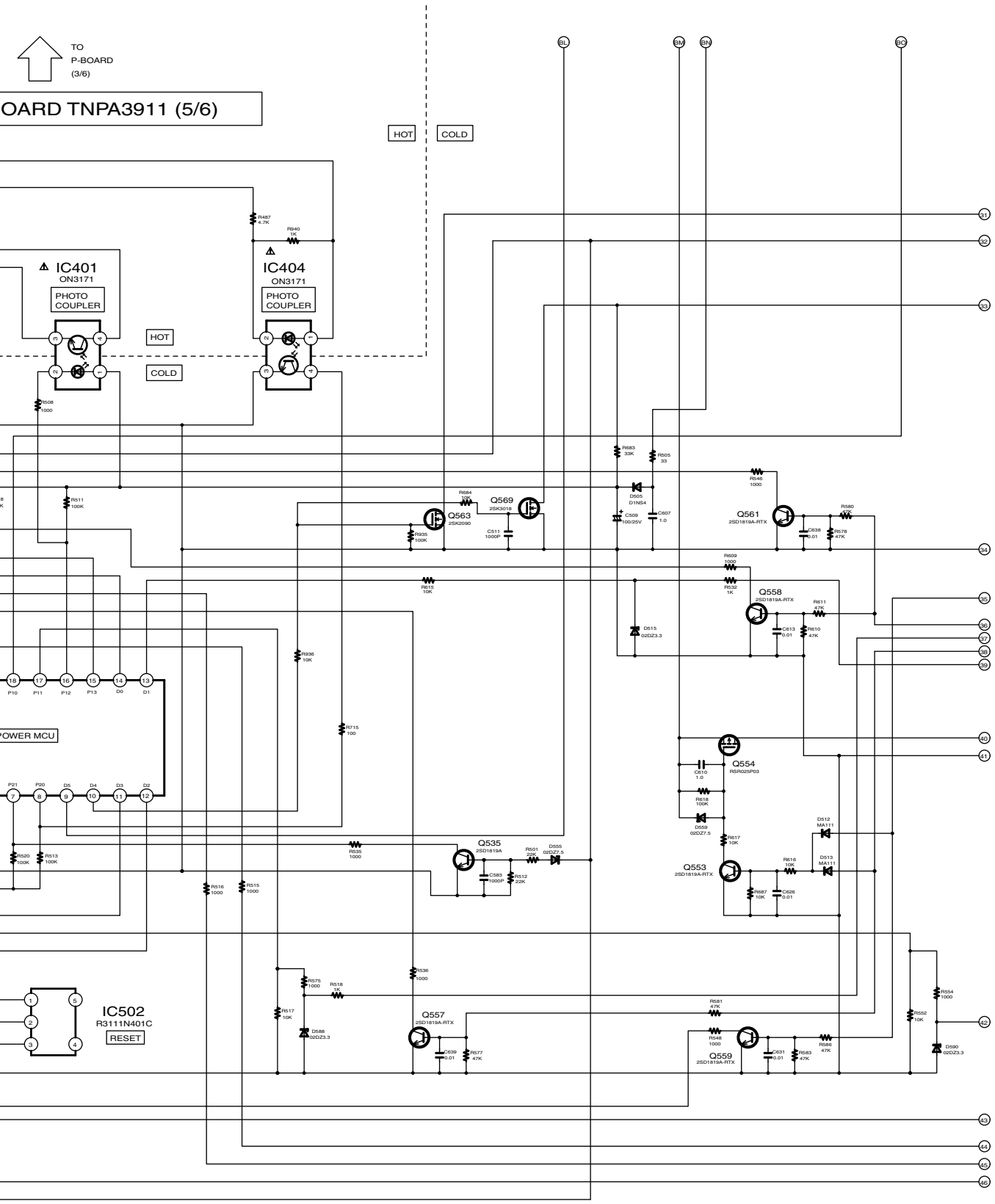
TH-42PV60A/H/M/MT
P-Board (4 of 6) Schematic Diagram

14 15 16 17 18

14.8. P-Board (5 of 6) Schematic Diagram



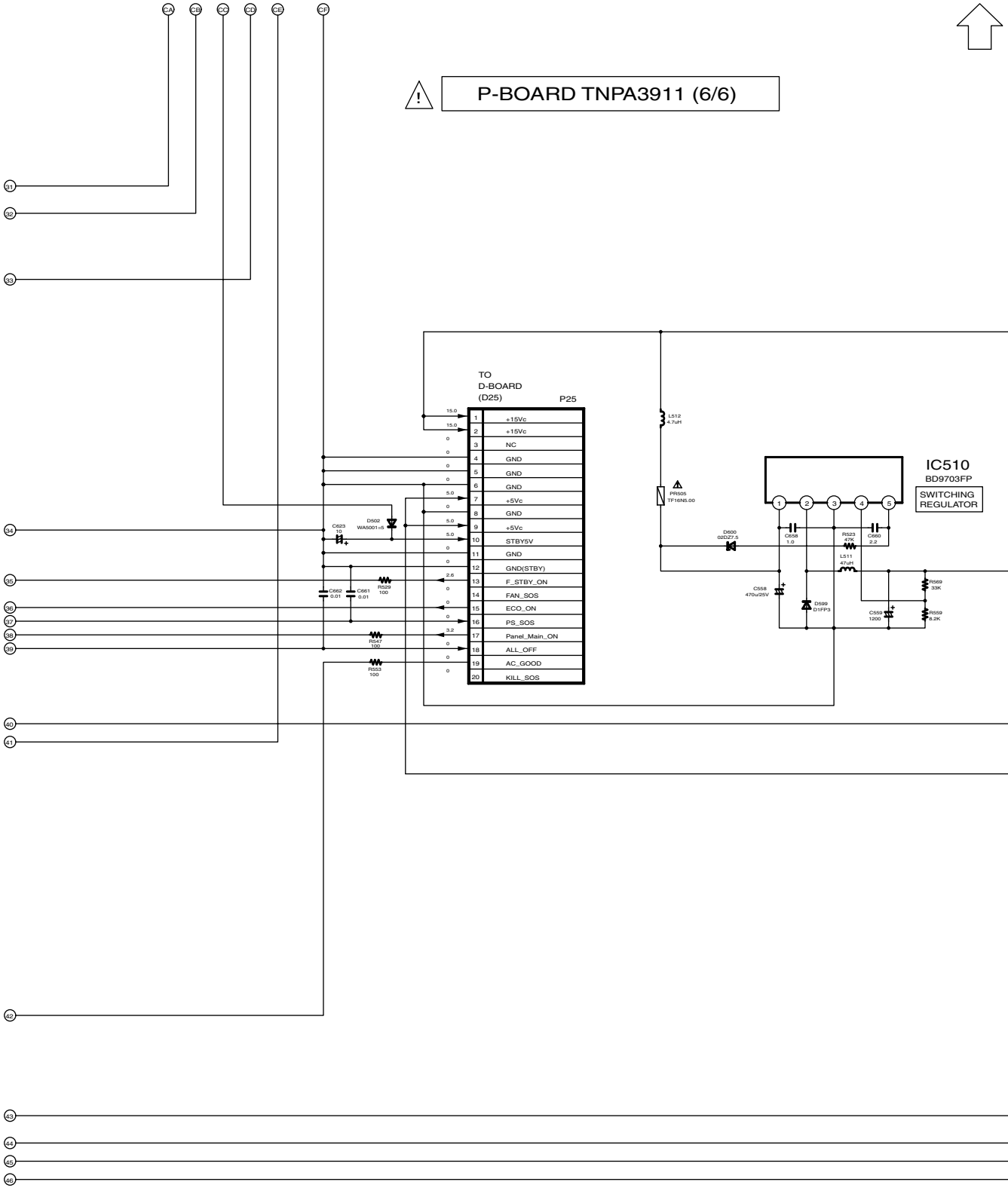
TH-42PV60A/H/M/MT
P-Board (5 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
P-Board (5 of 6) Schematic Diagram

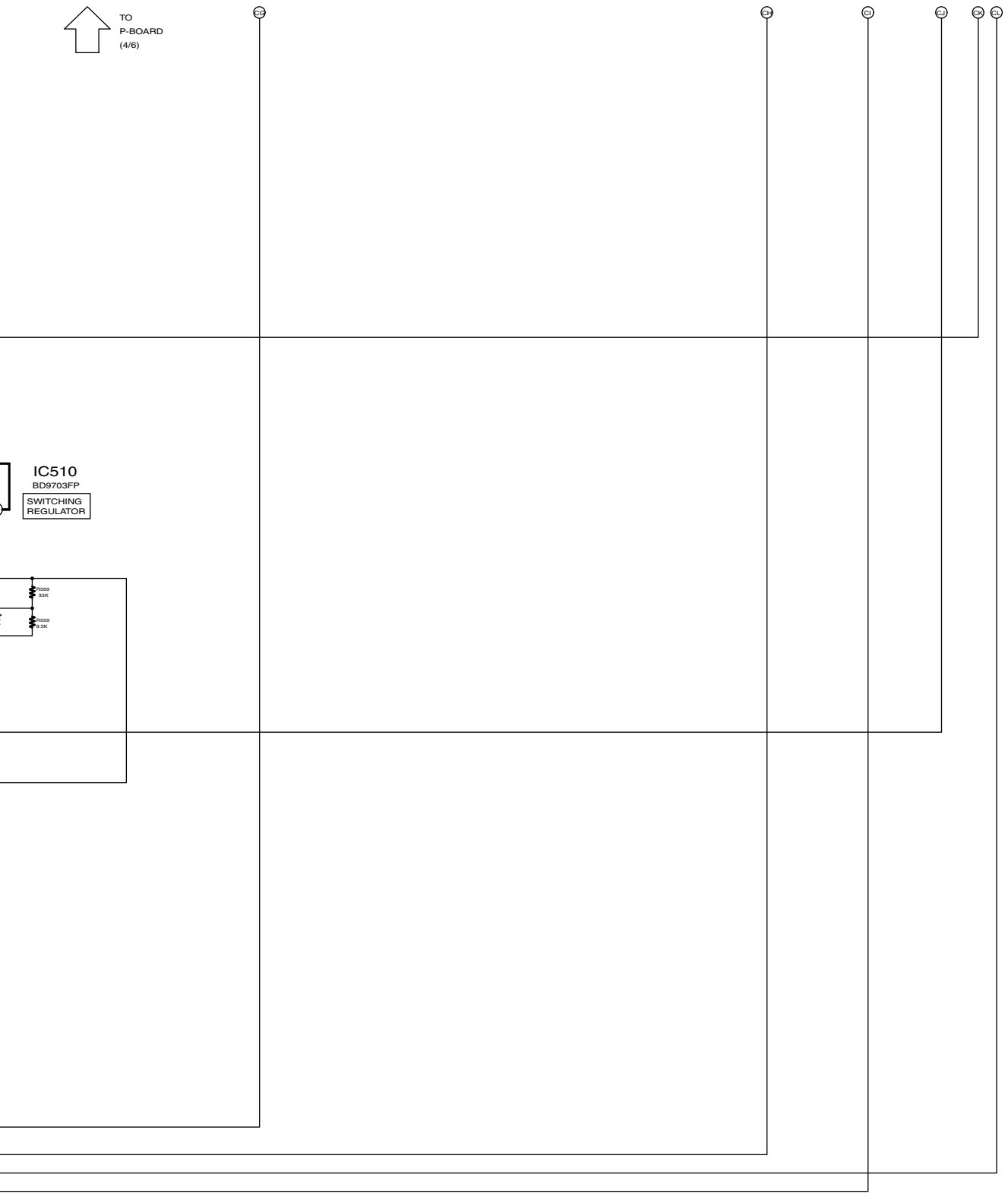
5 6 7 8 9

14.9. P-Board (6 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
P-Board (6 of 6) Schematic Diagram

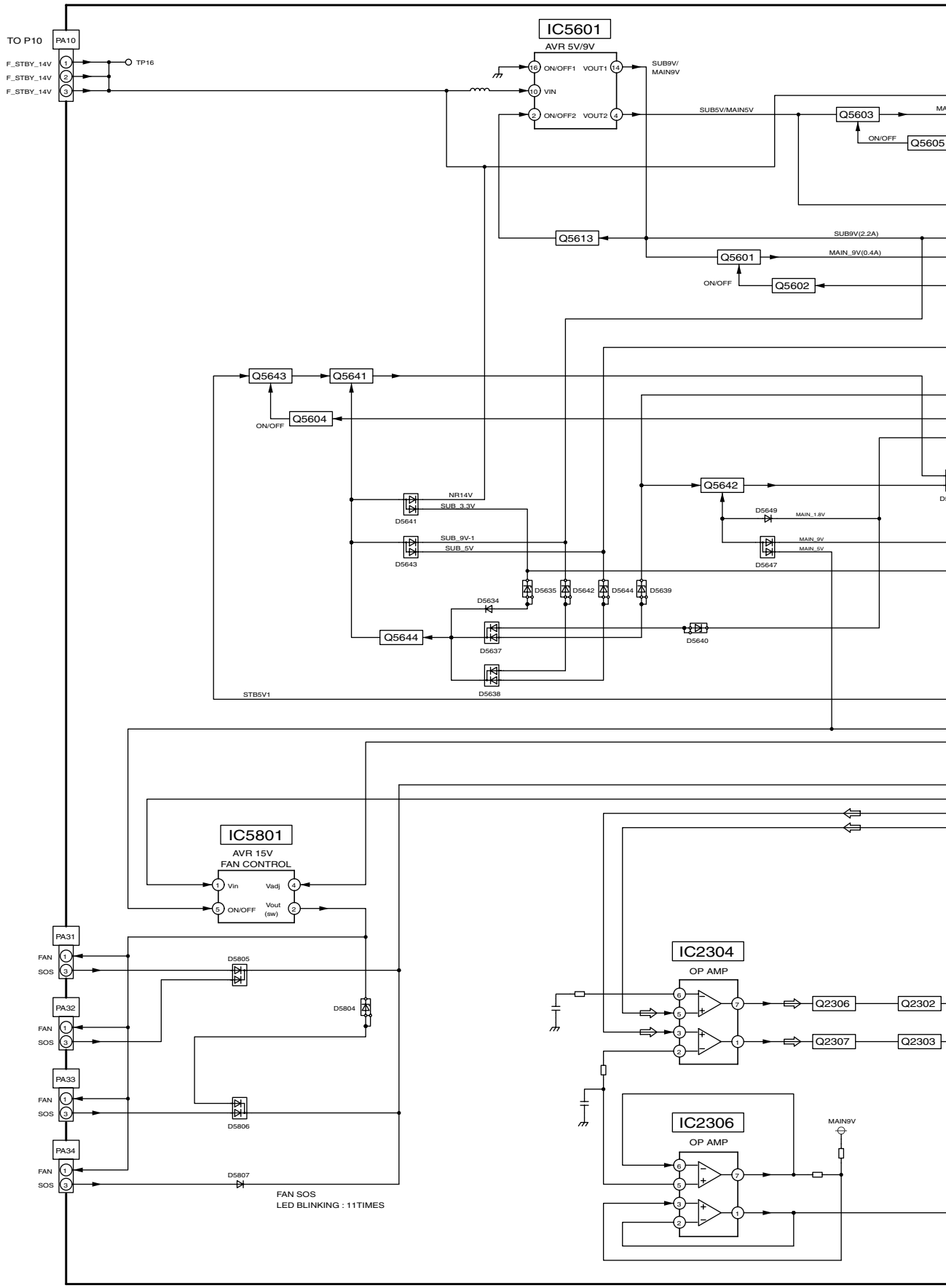
10 | 11 | 12 | 13 | 14



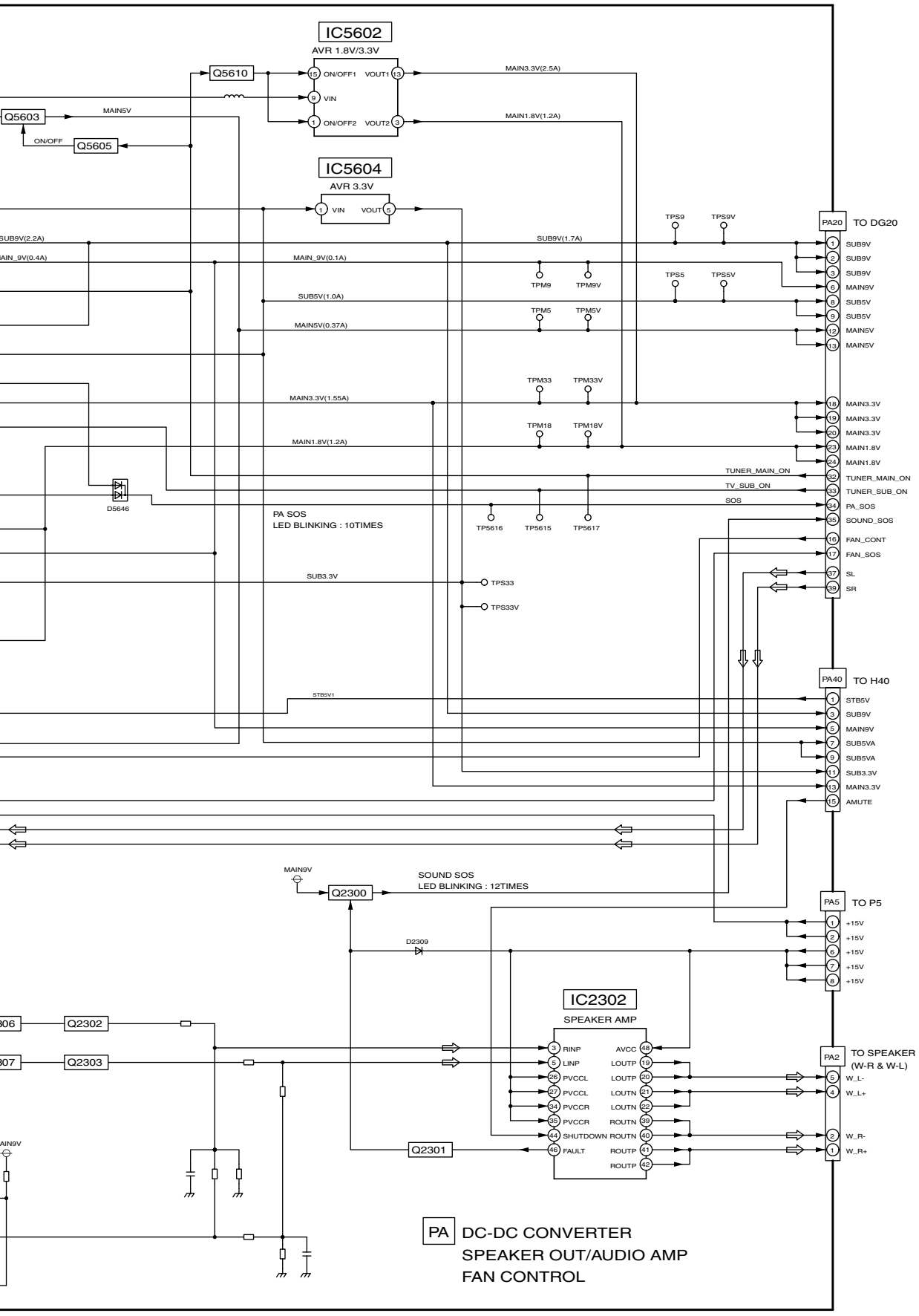
TH-42PV60A/H/M/MT
P-Board (6 of 6) Schematic Diagram

14 | 15 | 16 | 17 | 18

14.10. PA-Board Block Diagram

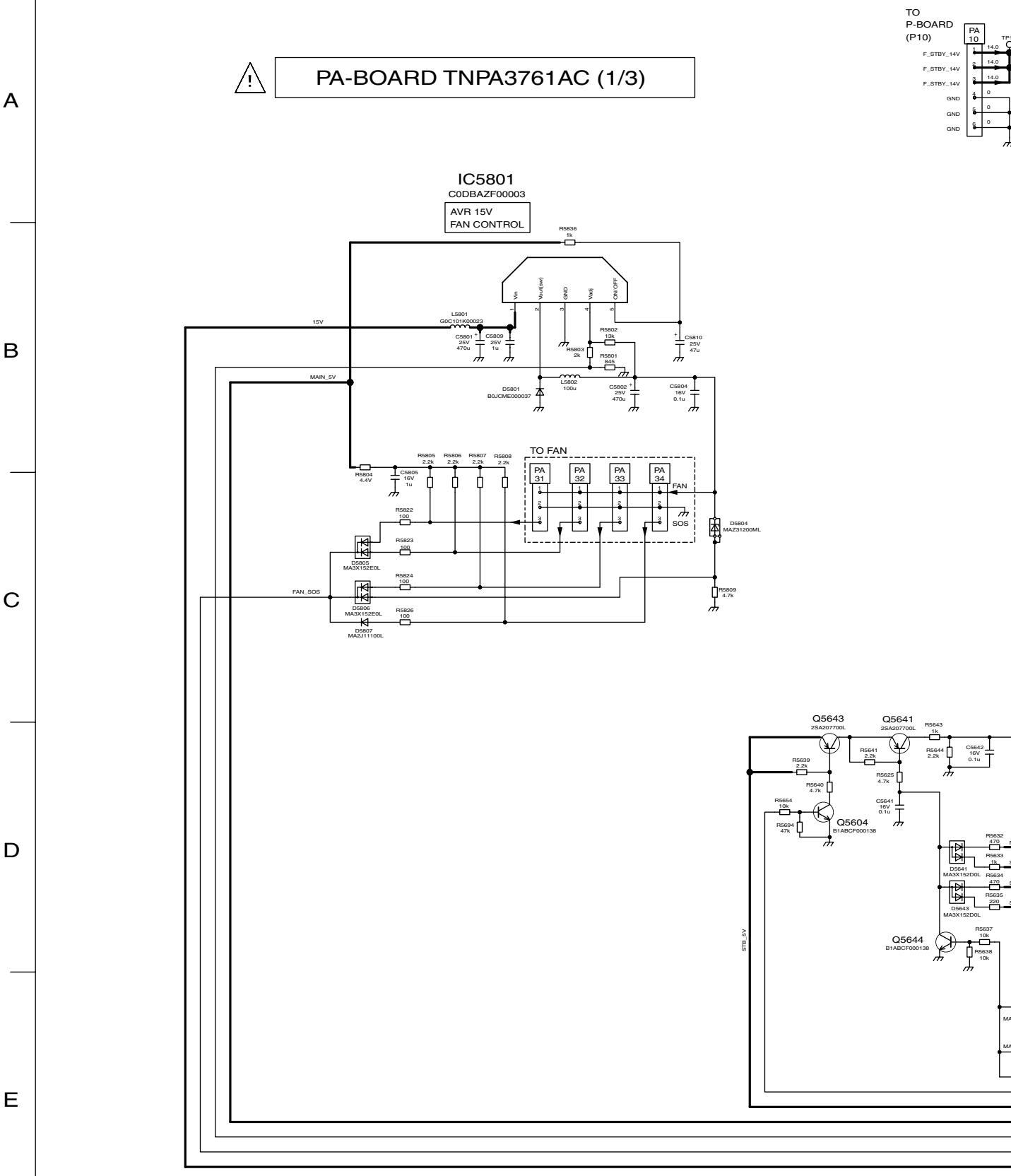


TH-42PV60A/H/M/MT
PA-Board Block Diagram

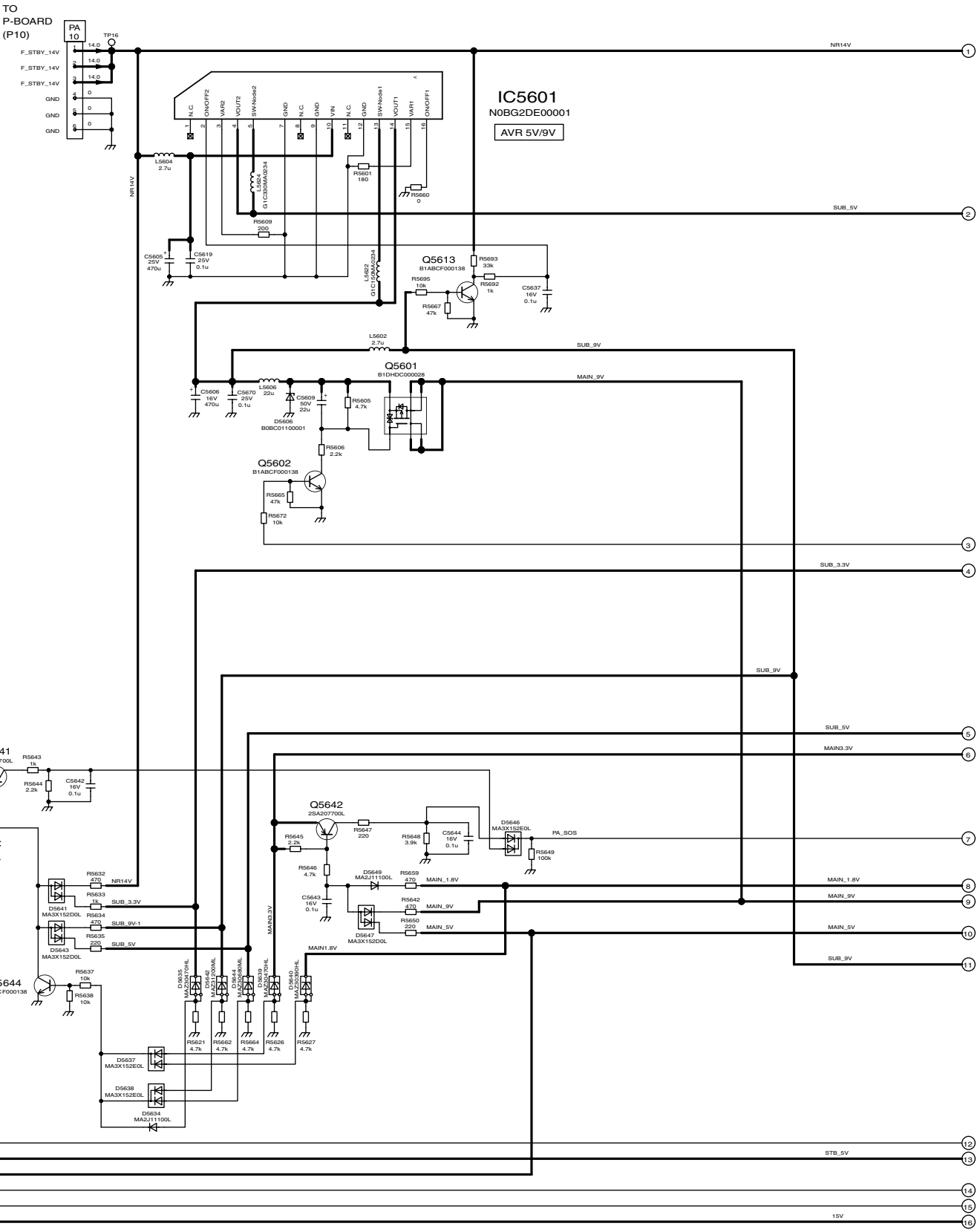


TH-42PV60A/H/M/MT
PA-Board Block Diagram

14.11. PA-Board (1 of 3) Schematic Diagram



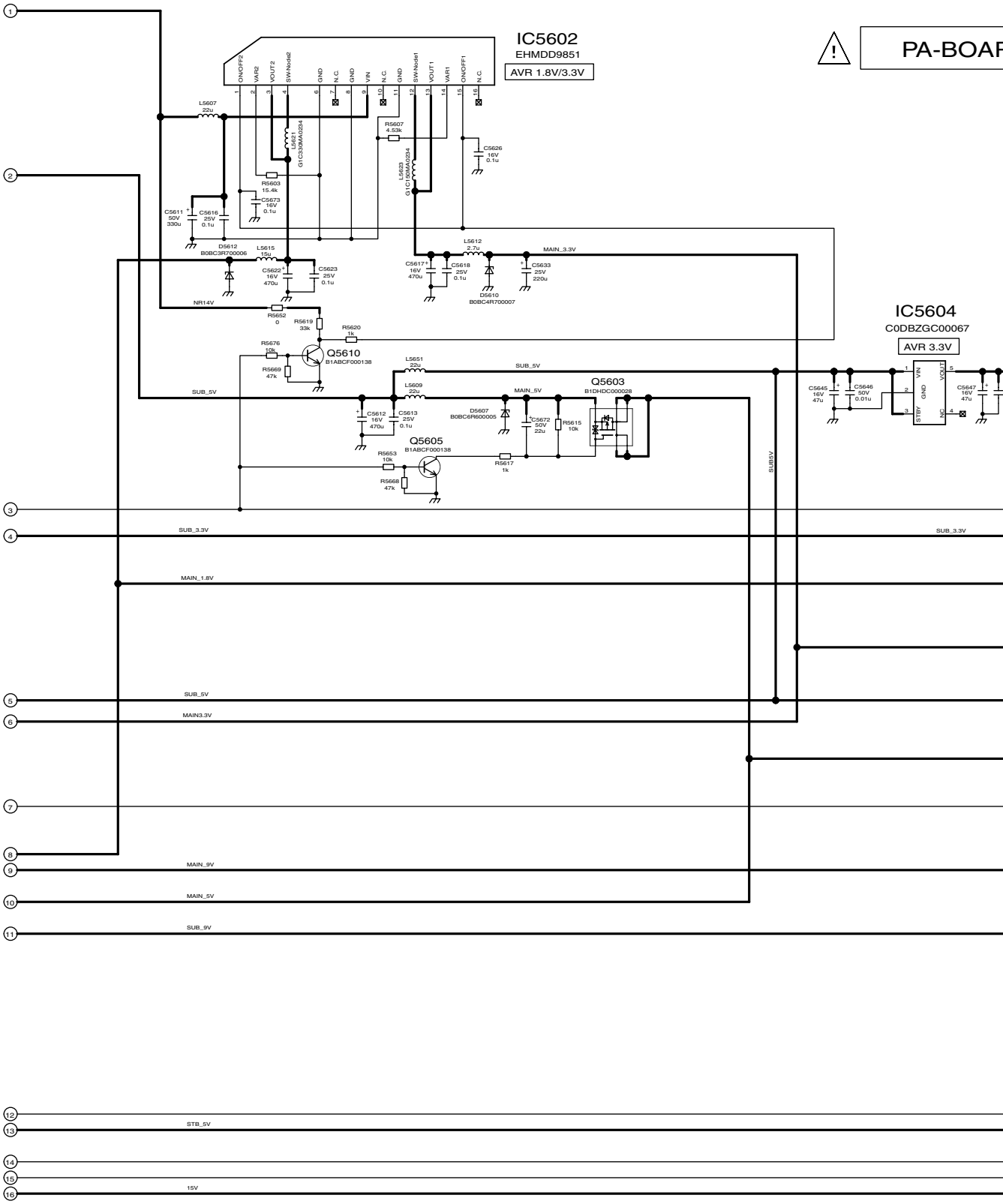
TH-42PV60A/H/M/MT
PA-Board (1 of 3) Schematic Diagram



TH-42PV60A/H/M/MT
PA-Board (1 of 3) Schematic Diagram

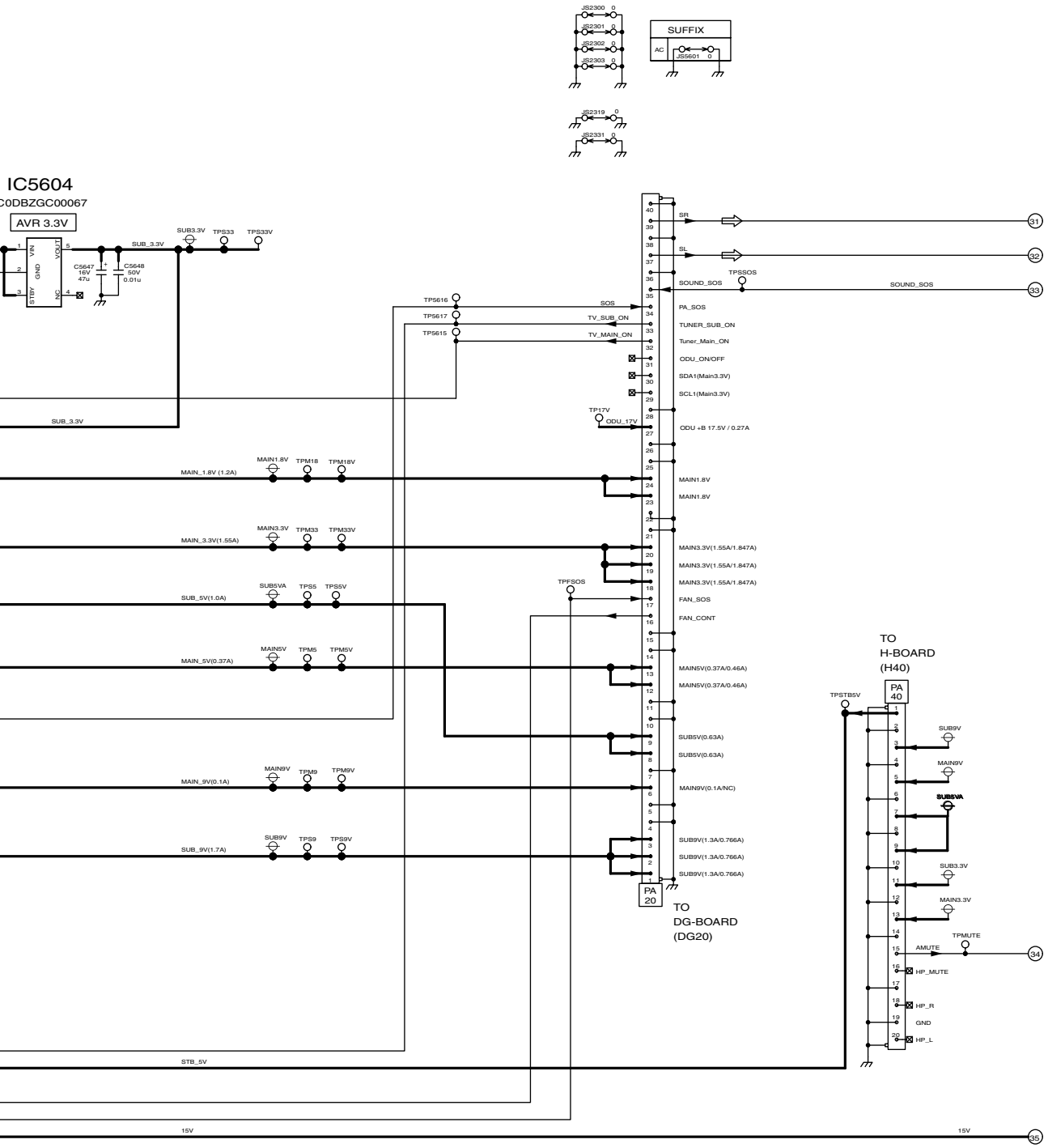
4 5 6 7 8

14.12. PA-Board (2 of 3) Schematic Diagram



TH-42PV60A/H/M/MT
PA-Board (2 of 3) Schematic Diagram

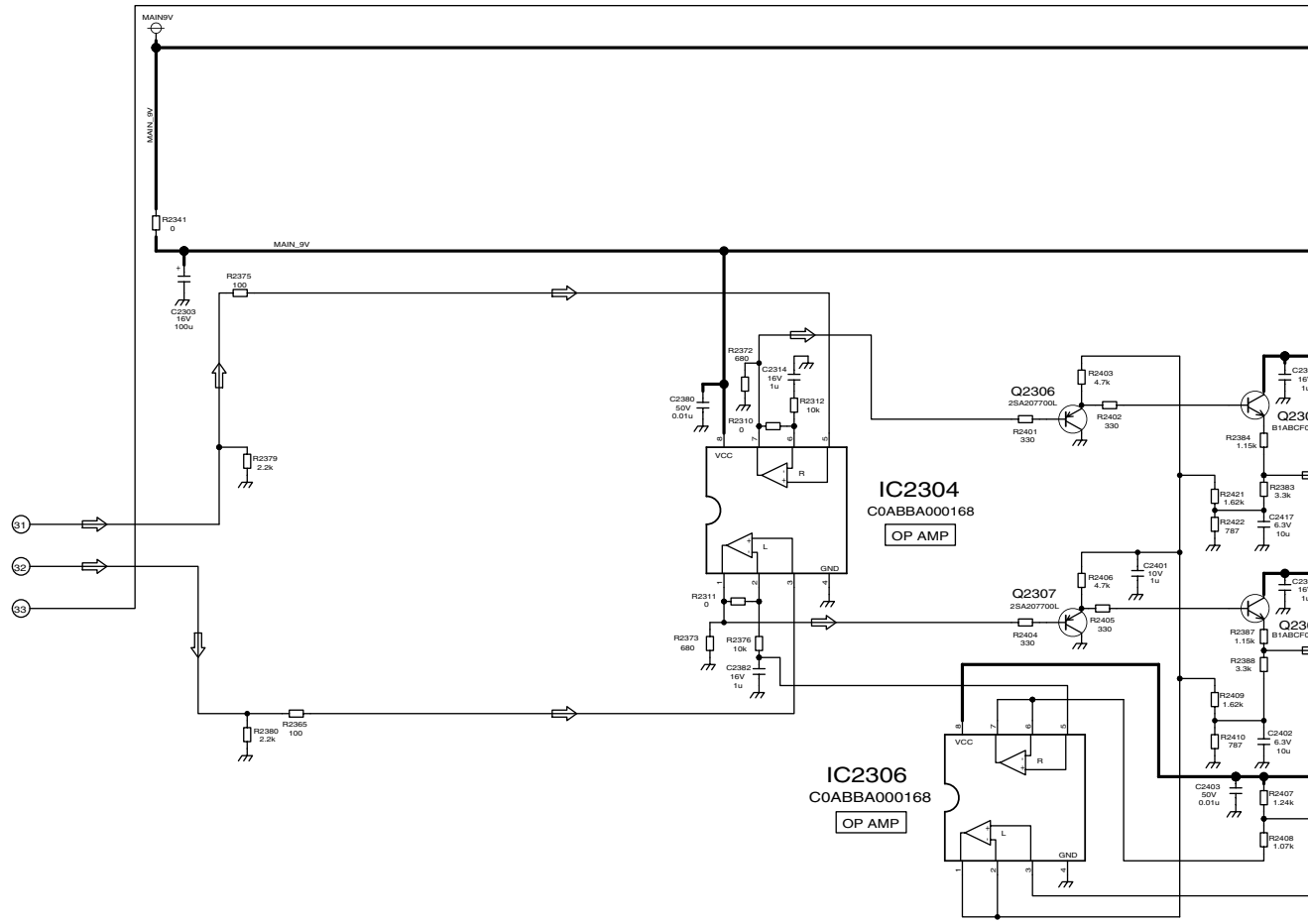
PA-BOARD TNPA3761AC (2/3)



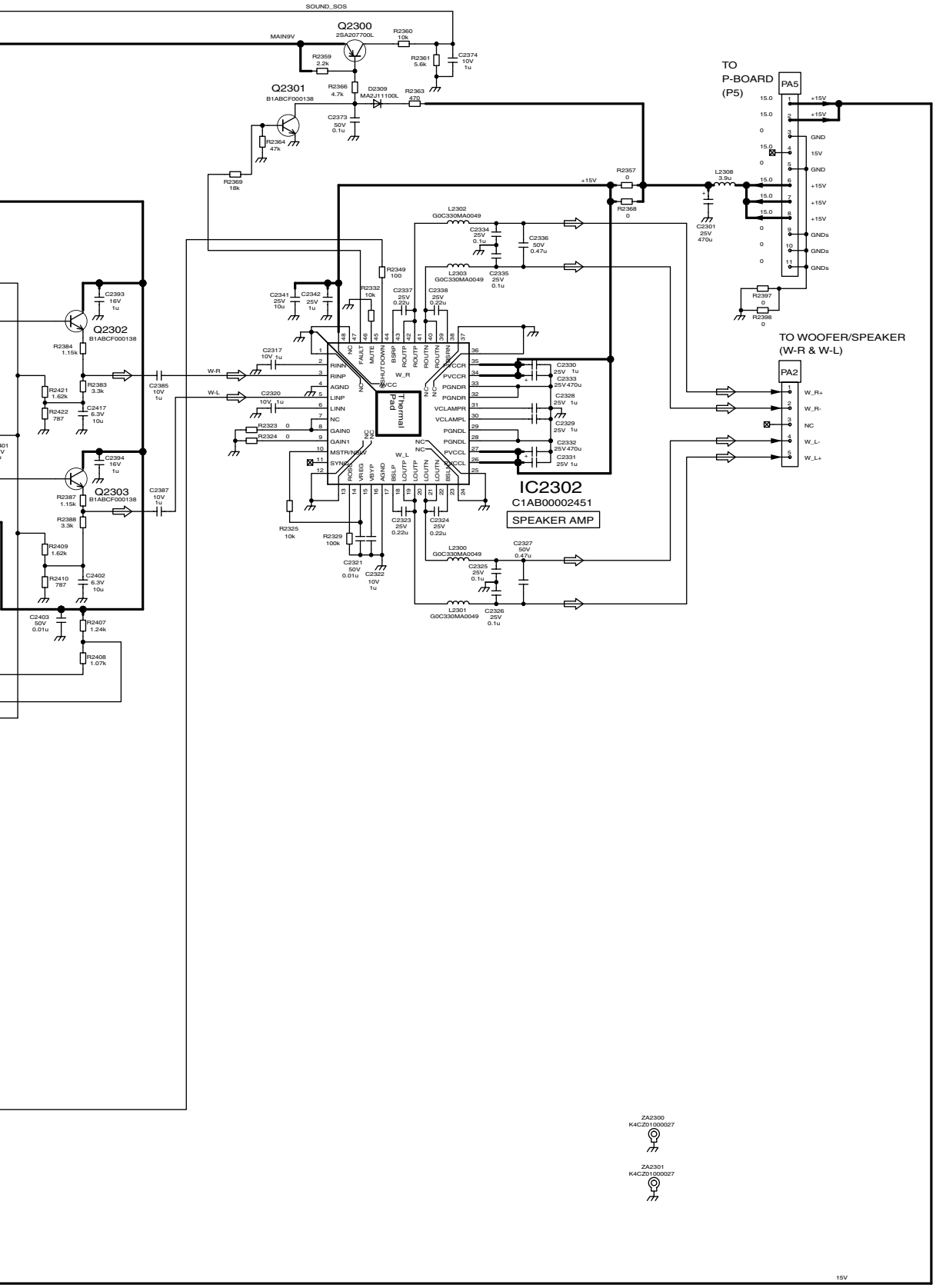
TH-42PV60A/H/M/MT
PA-Board (2 of 3) Schematic Diagram

12 13 14 15

14.13. PA-Board (3 of 3) Schematic Diagram



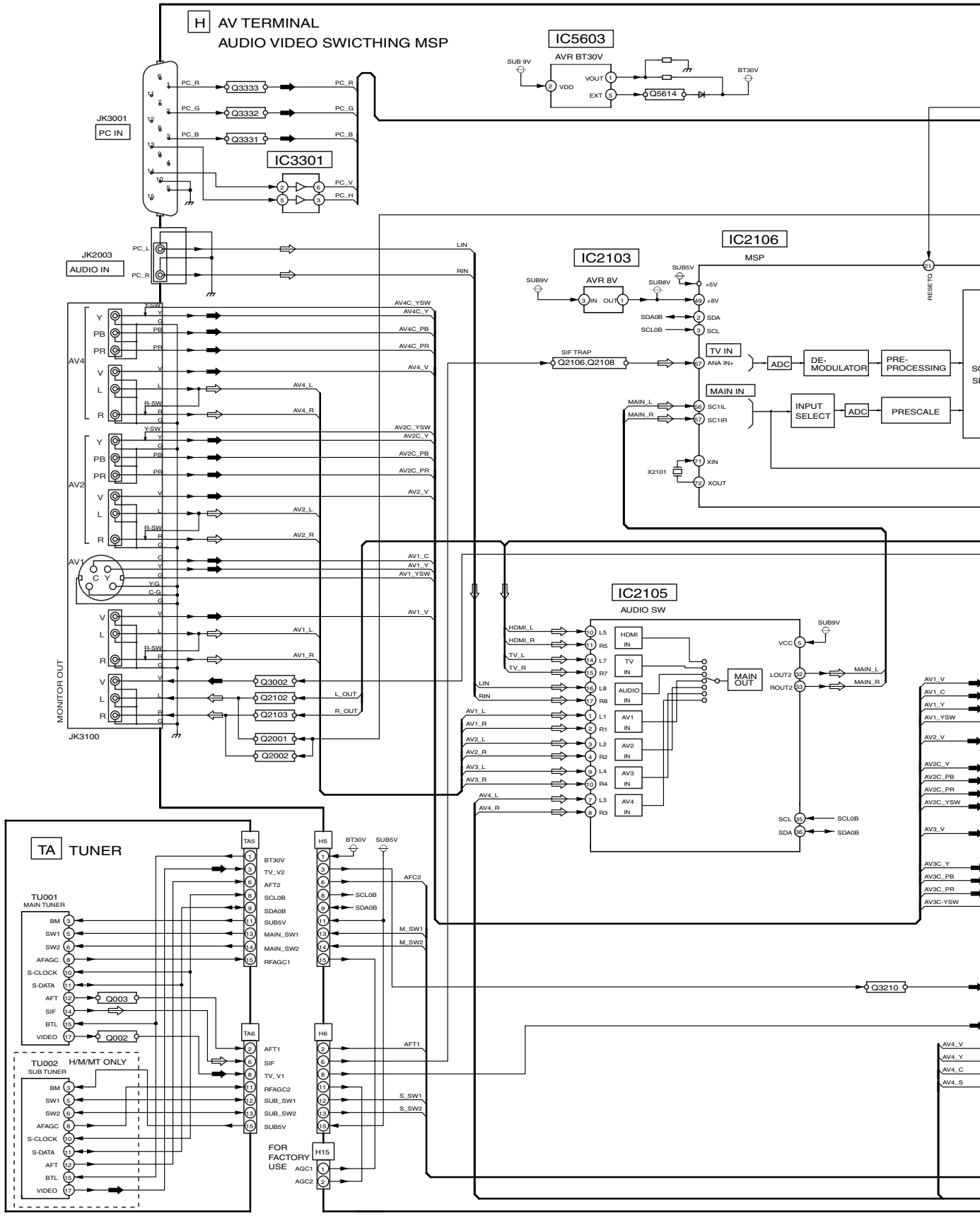
PA-BOARD TNPA3761AC (3/3)



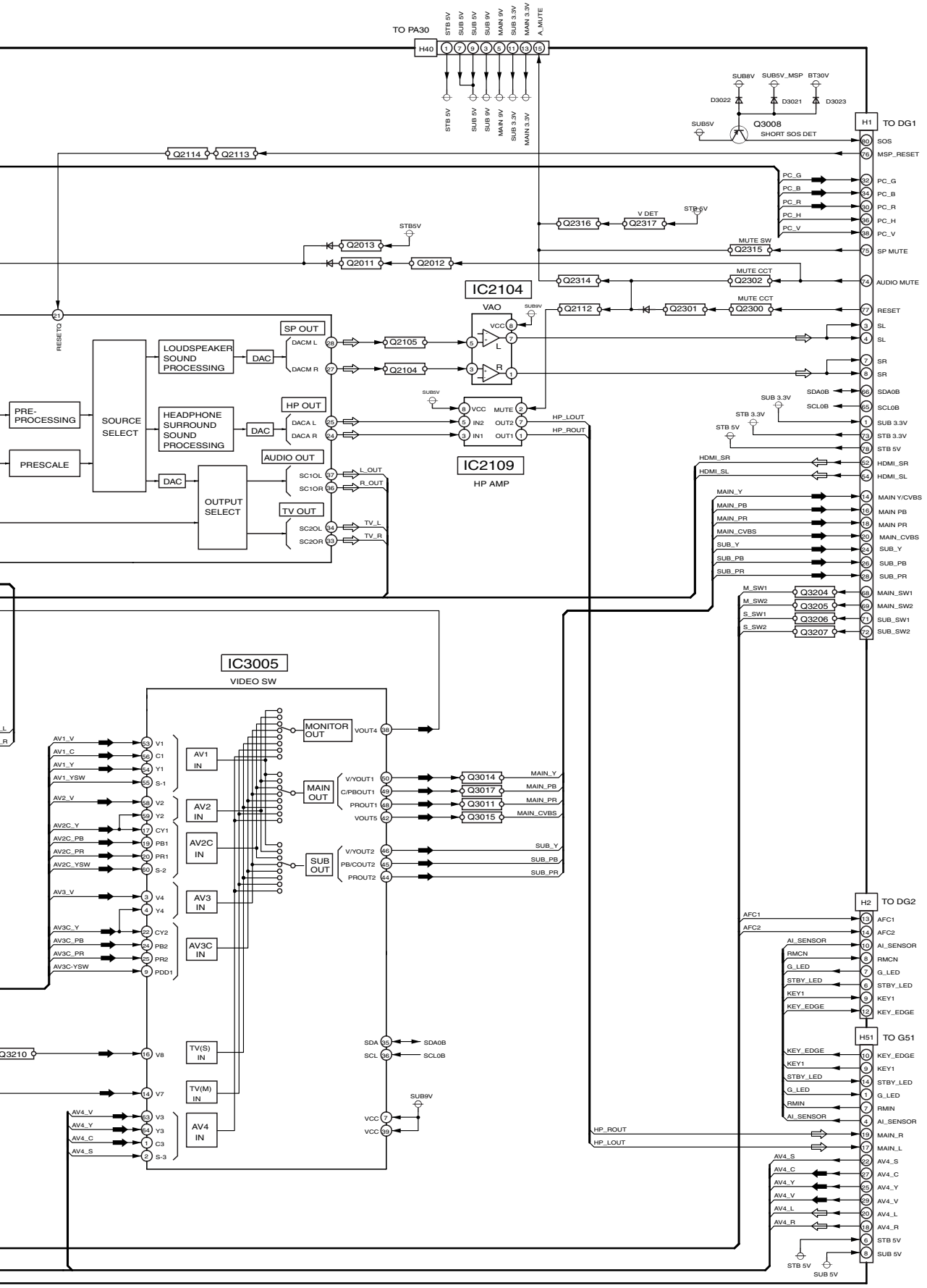
TH-42PV60A/H/M/MT
PA-Board (3 of 3) Schematic Diagram

19	20	21	22	23

14.14. H and TA-Board Block Diagram

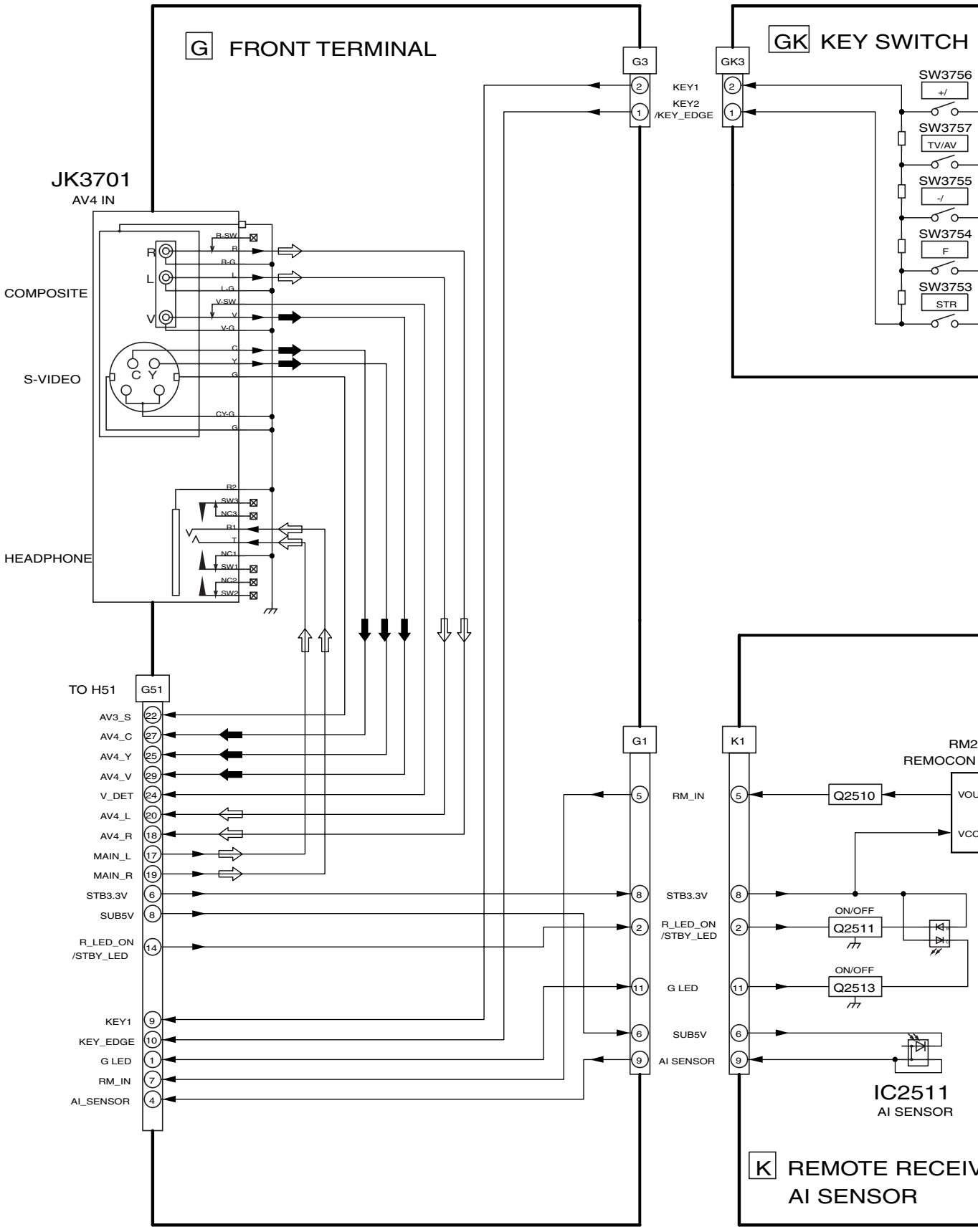


TH-42PV60A/H/M/MT H and TA-Board Block Diagram

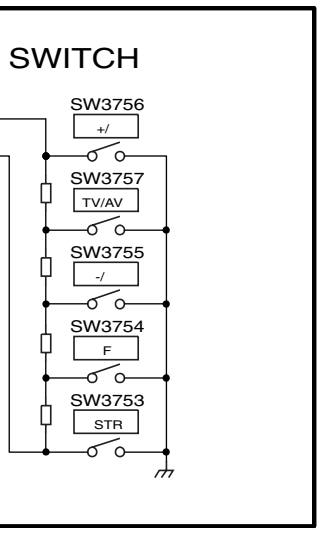


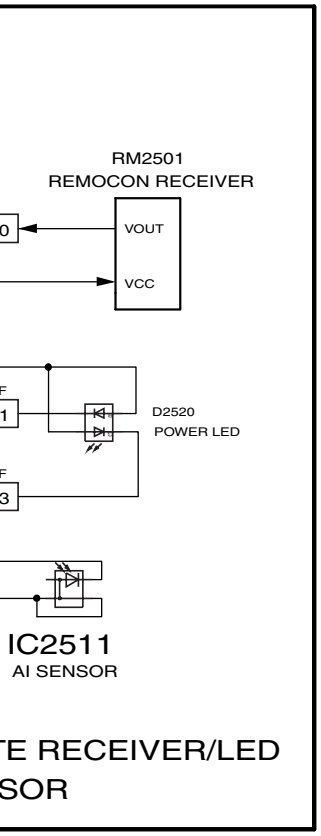
TH-42PV60A/H/M/MT H and TA-Board Block Diagram

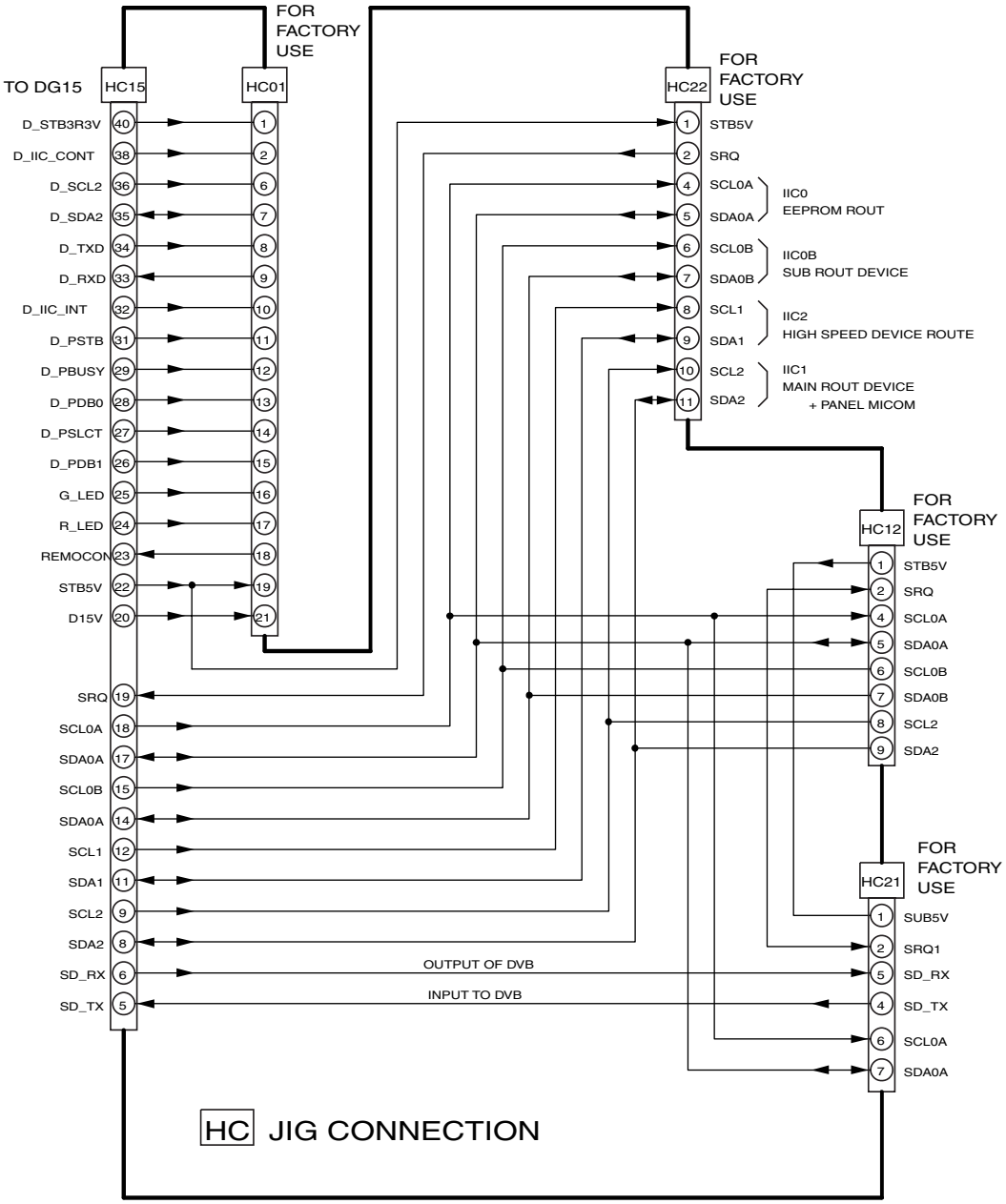
14.15. G, GK, HC and K-Board Block Diagram



TH-42PV60A/H/M/MT
G, GK, K, nad HC-Board Block Diagram

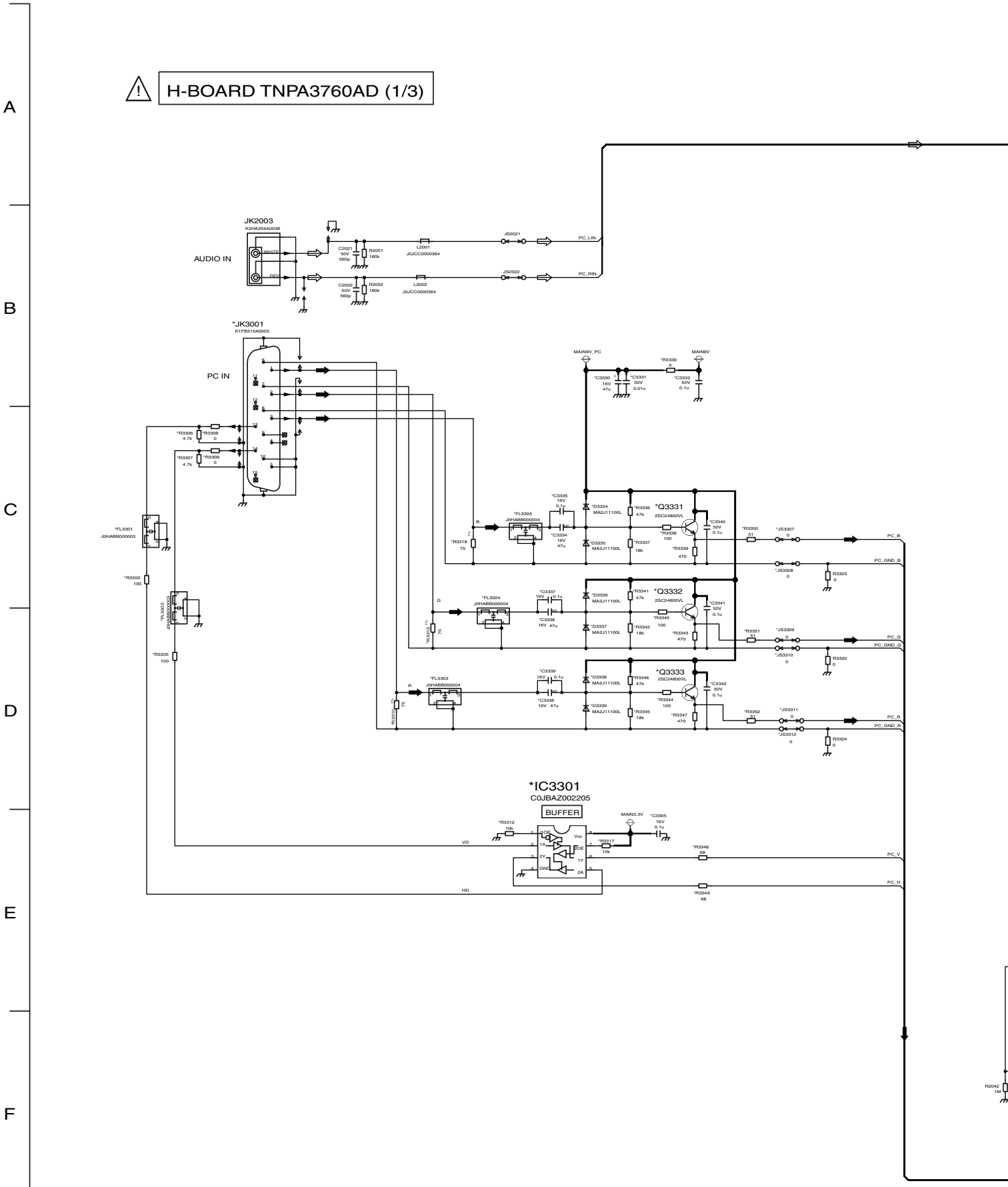




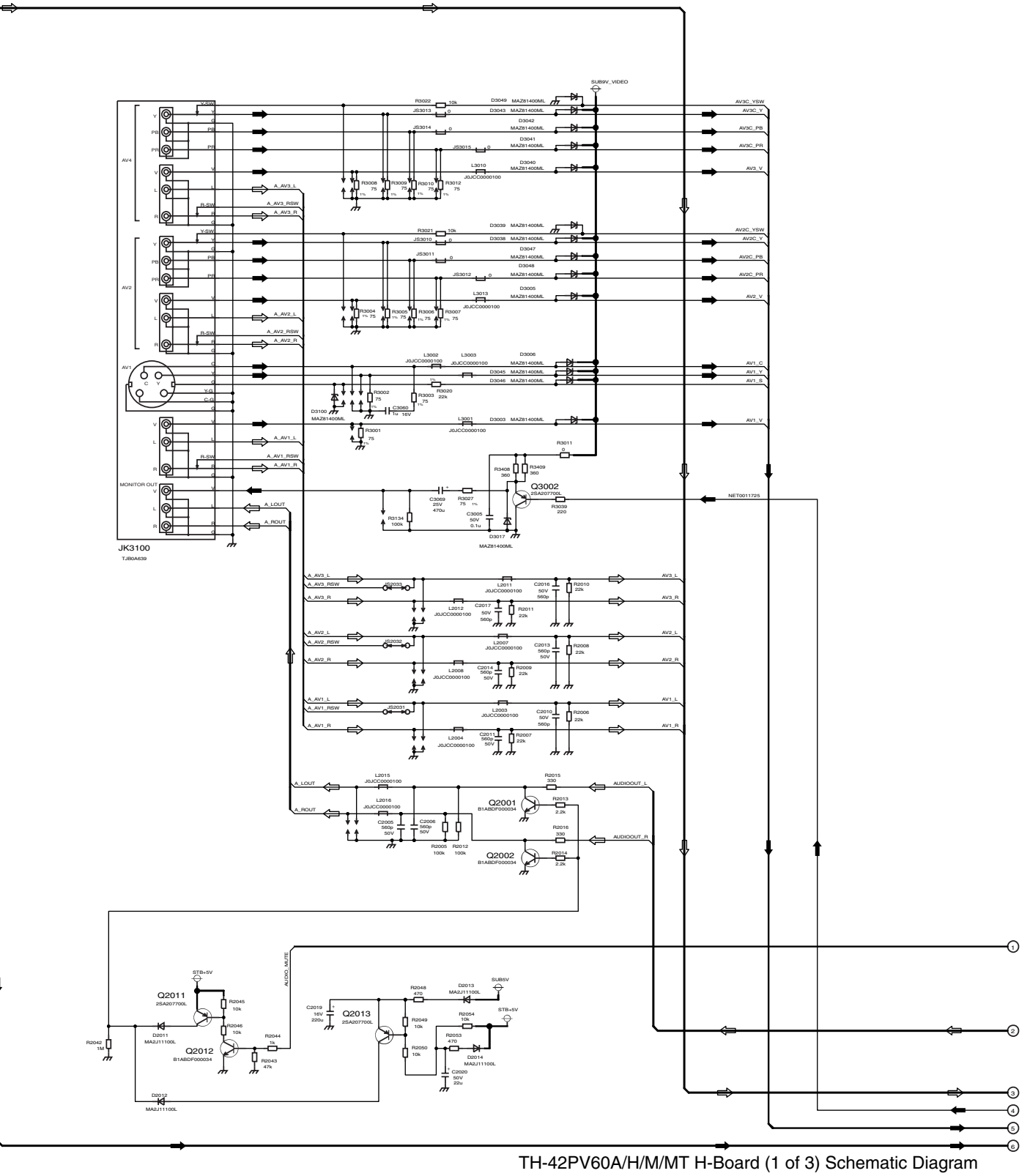


TH-42PV60A/H/M/MT
G, GK, K, and HC-Board Block Diagram

14.16. H-Board (1 of 3)Schematic Diagram



TH-42PV60A/H/M/MT H-Board (1 of 3) Schematic Diagram

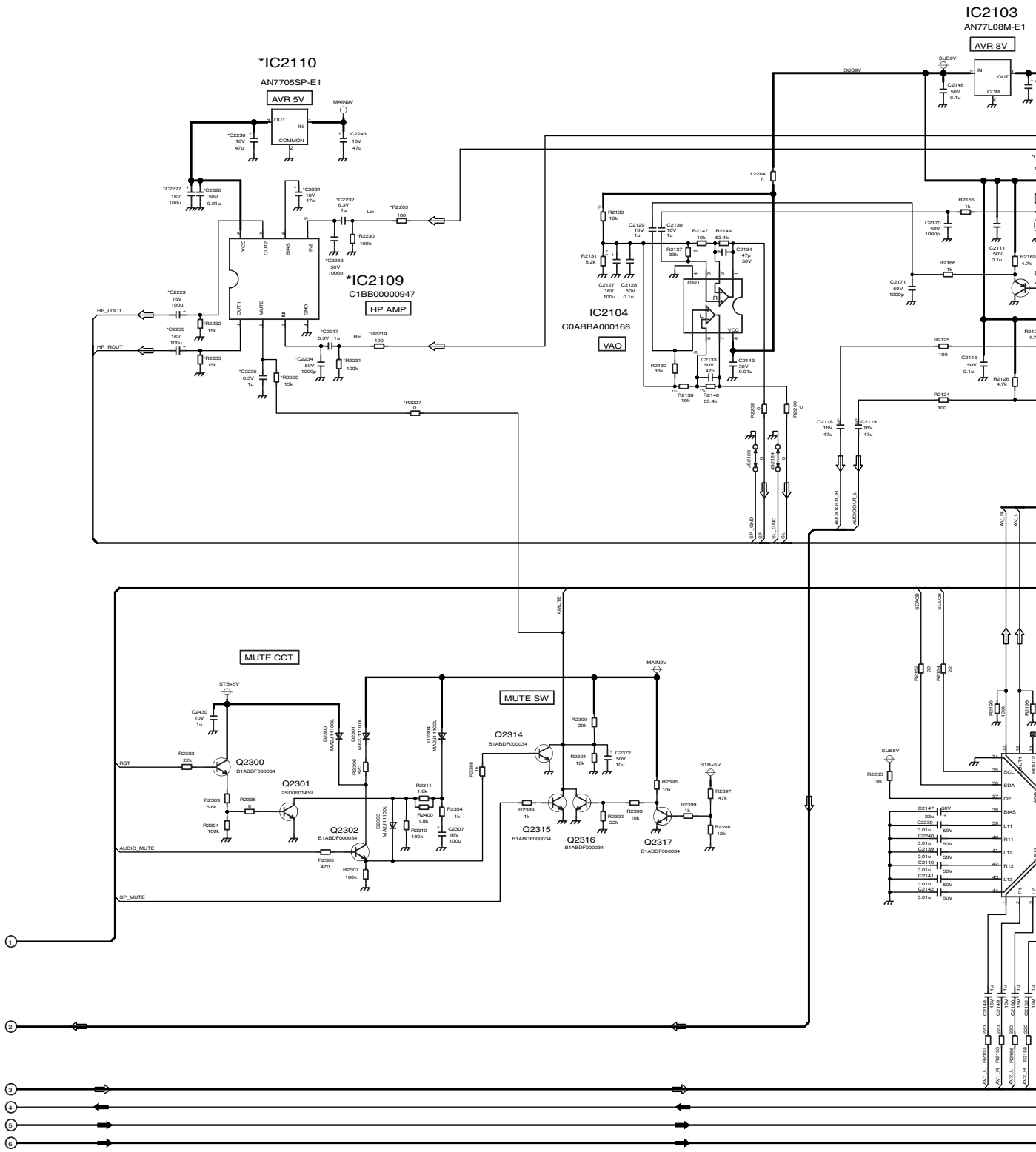


TH-42PV60A/H/M/MT H-Board (1 of 3) Schematic Diagram

5 6 7 8 9

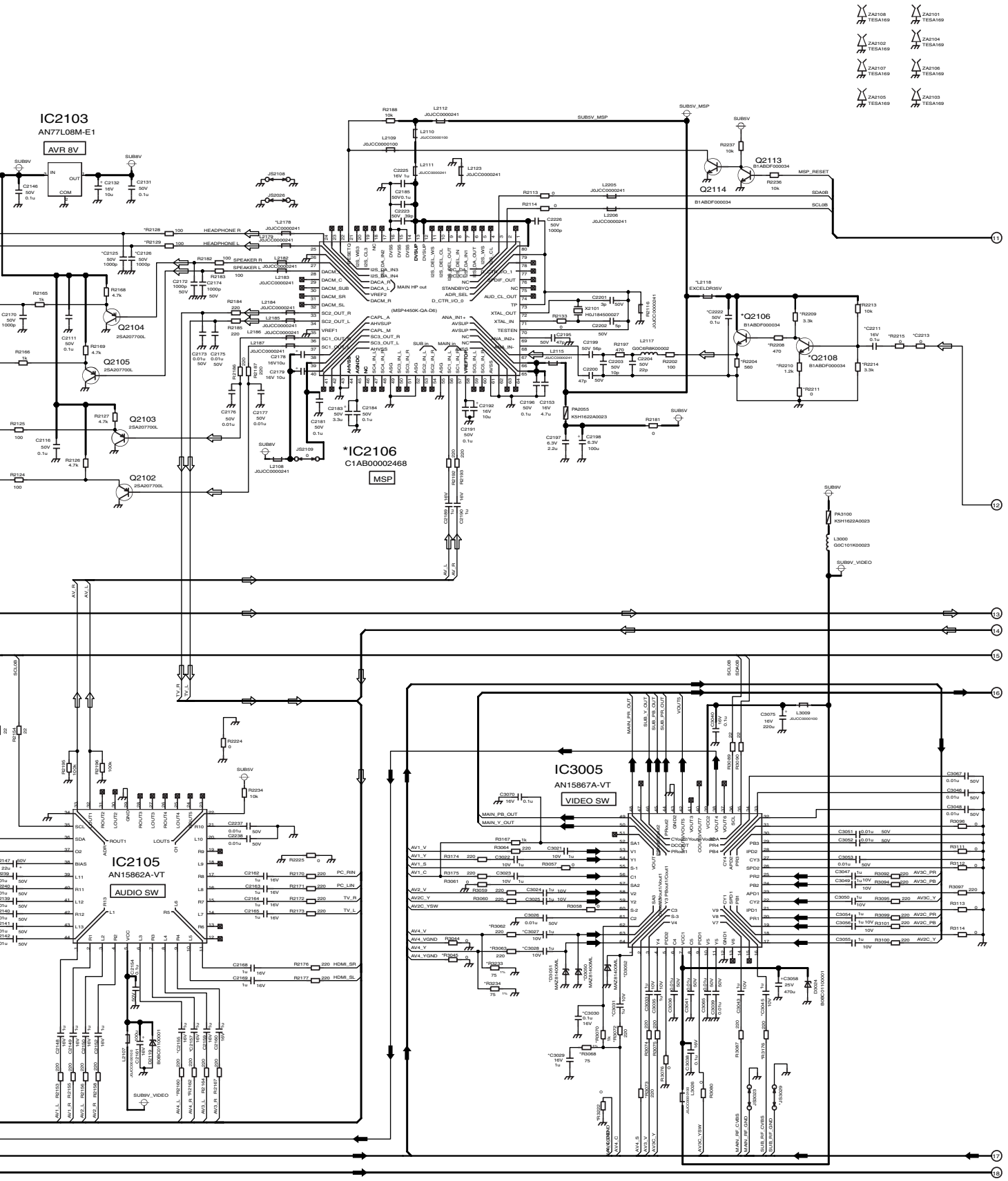
14.17. H-Board (2 of 3)Schematic Diagram

⚠ H-BOARD TNPA3760AD (2/3)

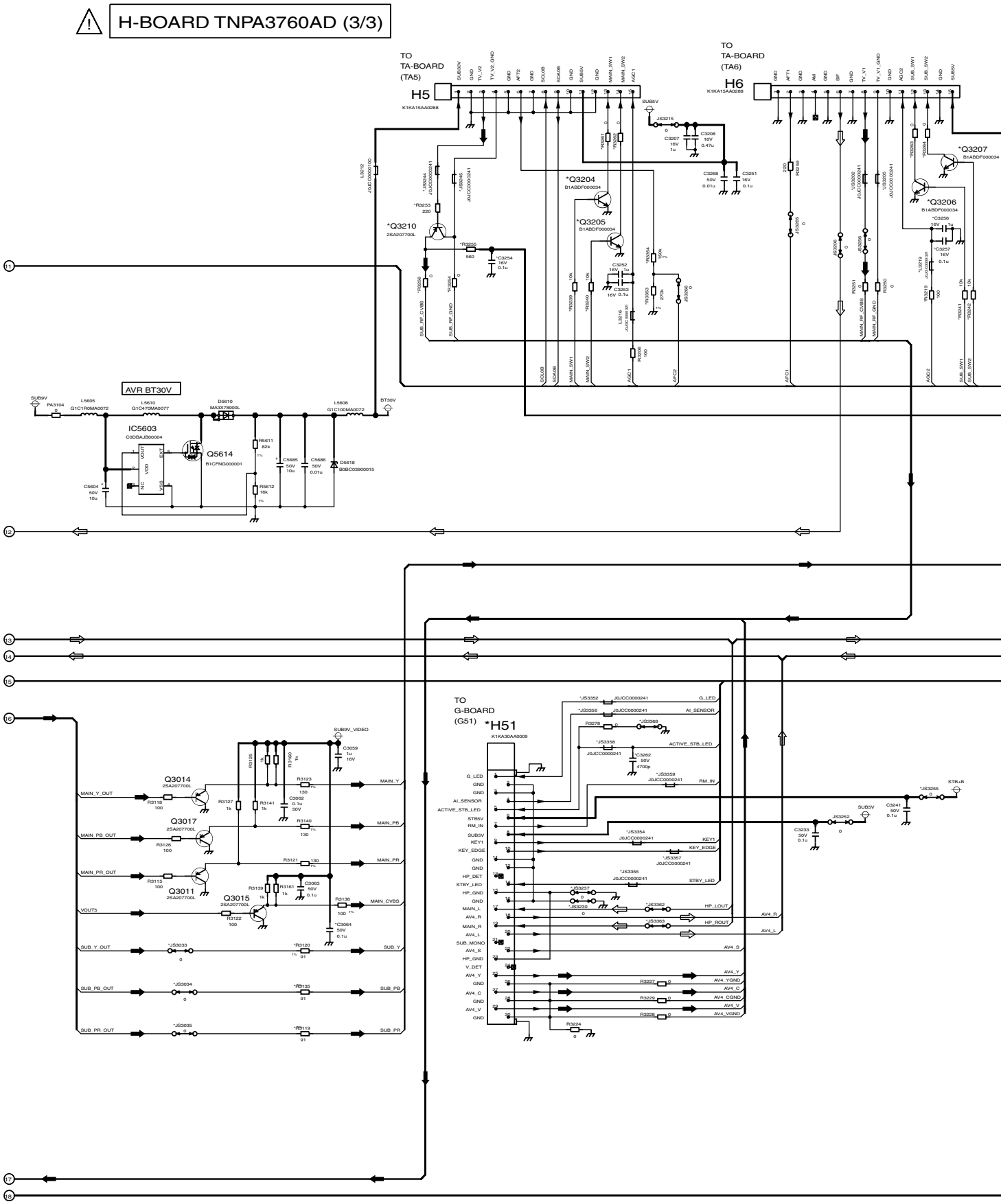


TH-42PV60A/H/M/MT H-Board (2 of 3) Schematic Diagram

10 | 11 | 12 | 13 | 14

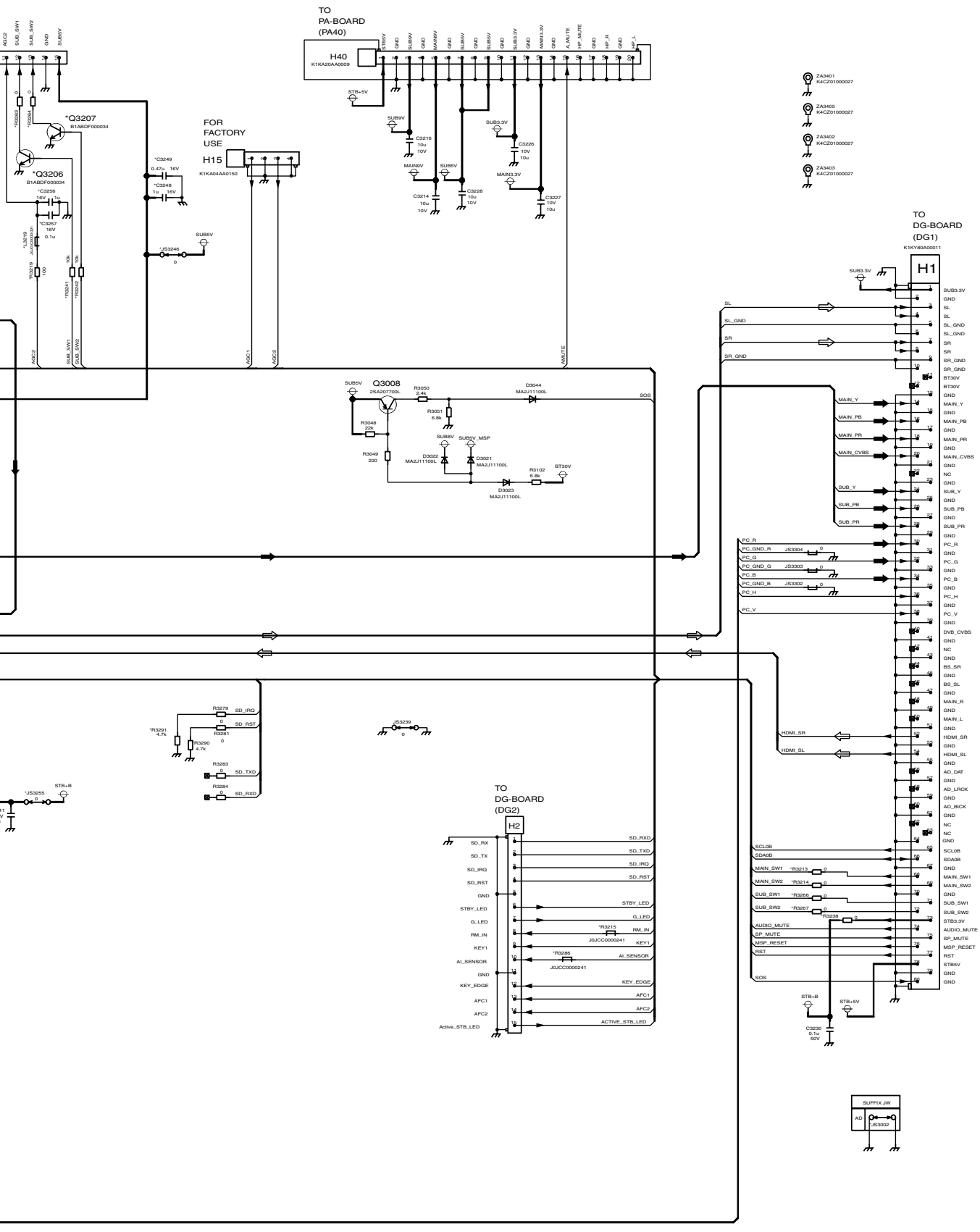

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AVR 8V
IC2105
AN15862A-VT
AUDIO SW
*IC2106
C1AB00002468
MSP
IC3005
AN15867A-VT
VIDEO SW
Q2104
2SA207700L
Q2105
2SA207700L
Q2103
2SA207700L
Q2102
2SA207700L
Q2113
B1ABDF000034
Q2114
B1ABDF000034
*Q2106
B1ABDF000034
*Q2108
B1ABDF000034
SUB5V_MSP
SUB5V
SUB9V
SUB8V
SUB9V_VIDEO
MSP_RESET
SDA0B
SCL0B
HEADPHONE R
HEADPHONE L
SPEAKER R
SPEAKER L
MAIN HP out
(MSP4450K-QA-D6)
PC_RIN
PC_LIN
TV_R
TV_L
HDMI_SR
HDMI_SL
AV3C_PR
AV3C_PB
AV3C_Y
AV2C_PR
AV2C_PB
AV2C_Y
AV1_L
AV1_R
AV2_L
AV2_R
AV3_L
AV3_R
AV4_L
AV4_R
TH-42PV60A/H/M/MT H-Board (2 of 3) Schematic Diagram

14.18. H-Board (3 of 3)Schematic Diagram



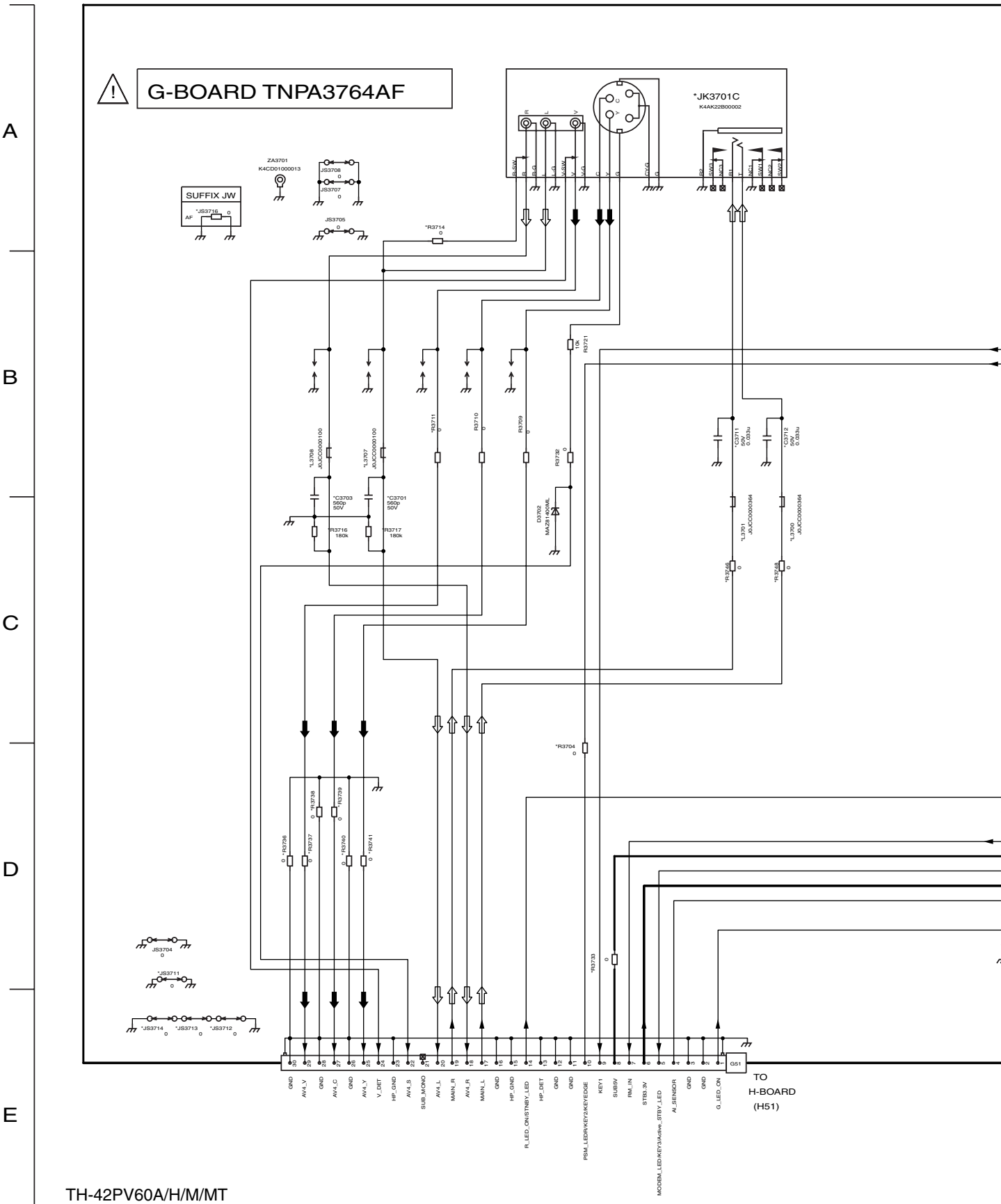
TH-42PV60A/H/M/MT H-Board (3 of 3) Schematic Diagram

19	20	21	22	23

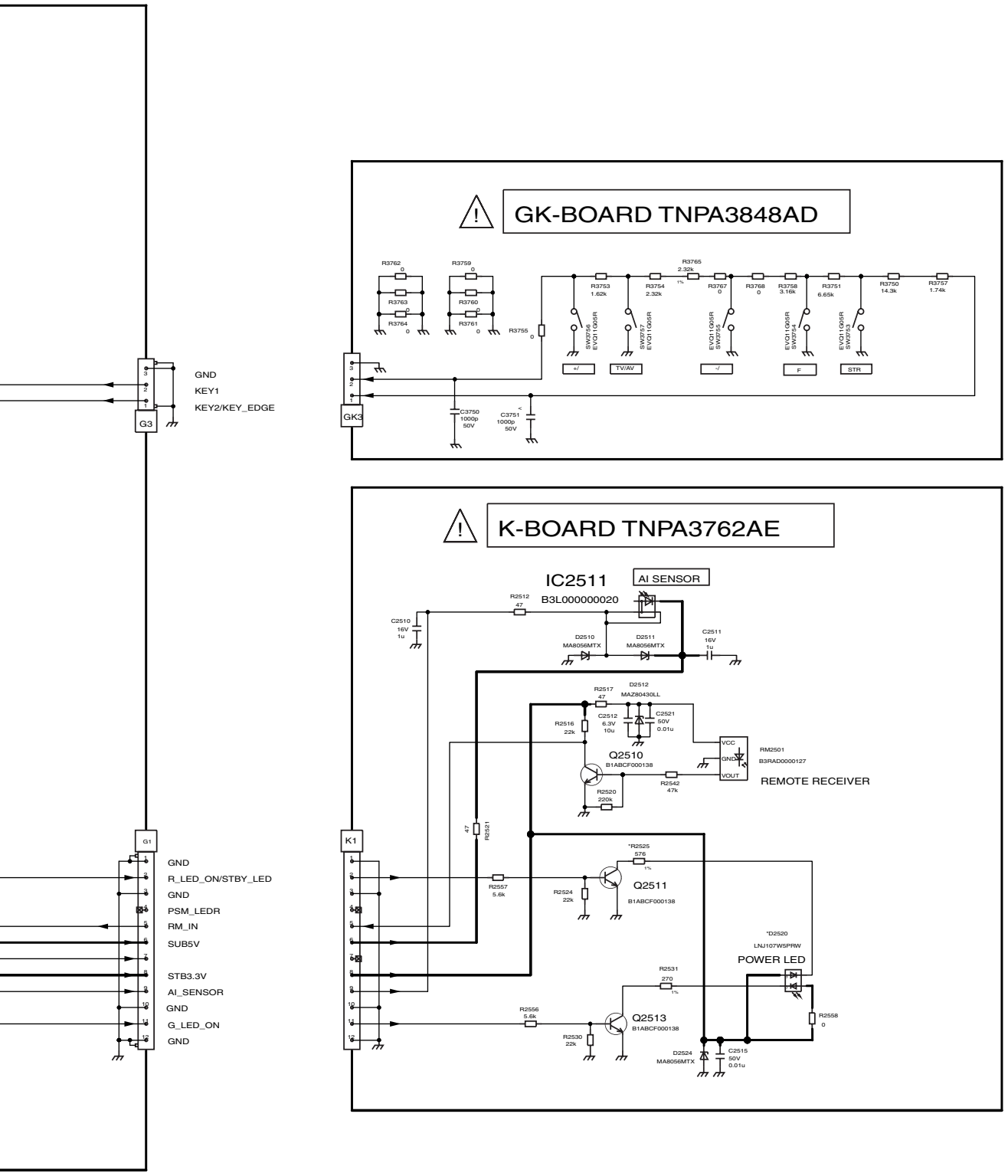


TH-42PV60A/H/M/MT H-Board (3 of 3) Schematic Diagram

14.19. G, GK and K-Board Schematic Diagram



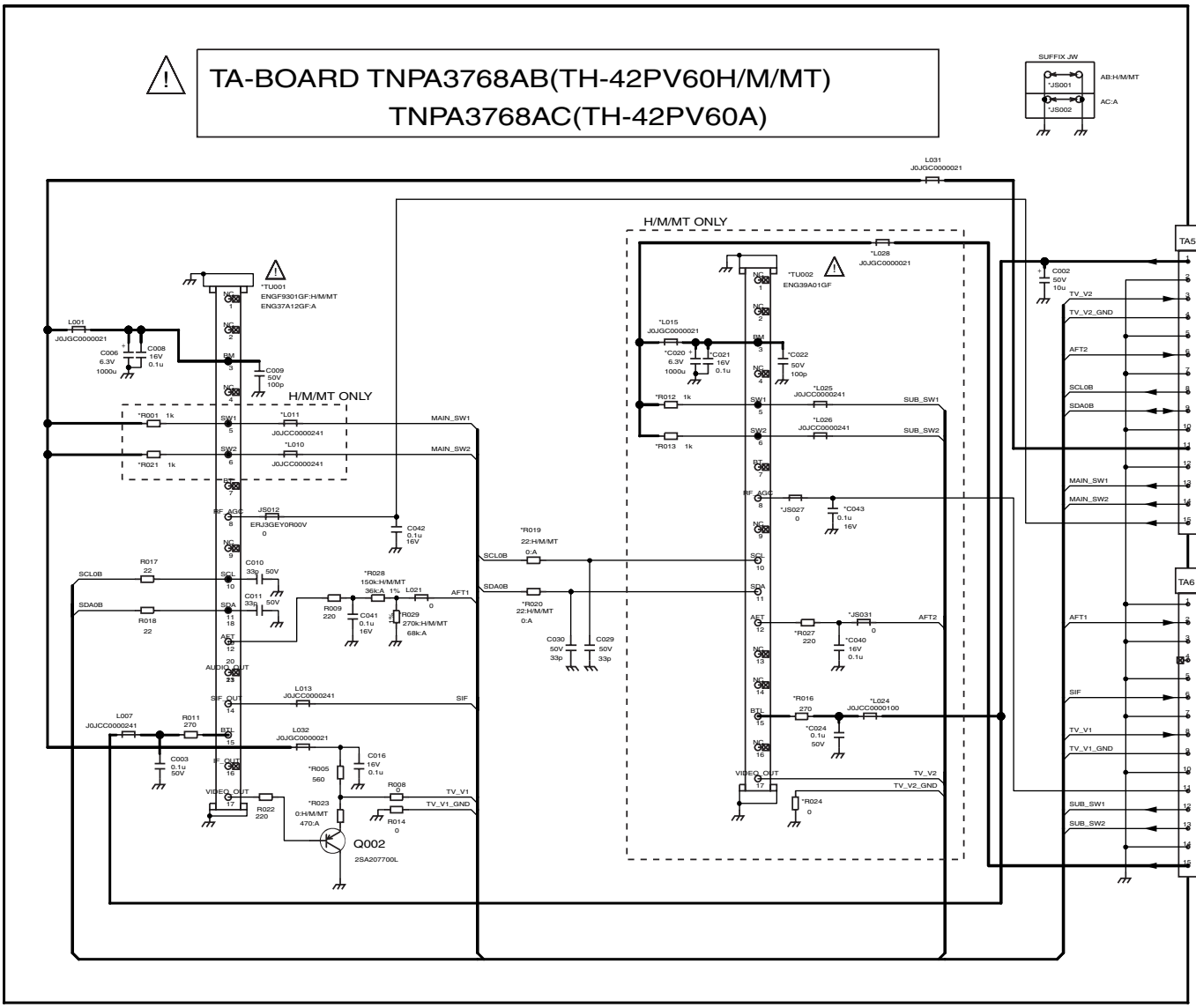
TH-42PV60A/H/M/MT
G, GK, and K-Board Schematic Diagram



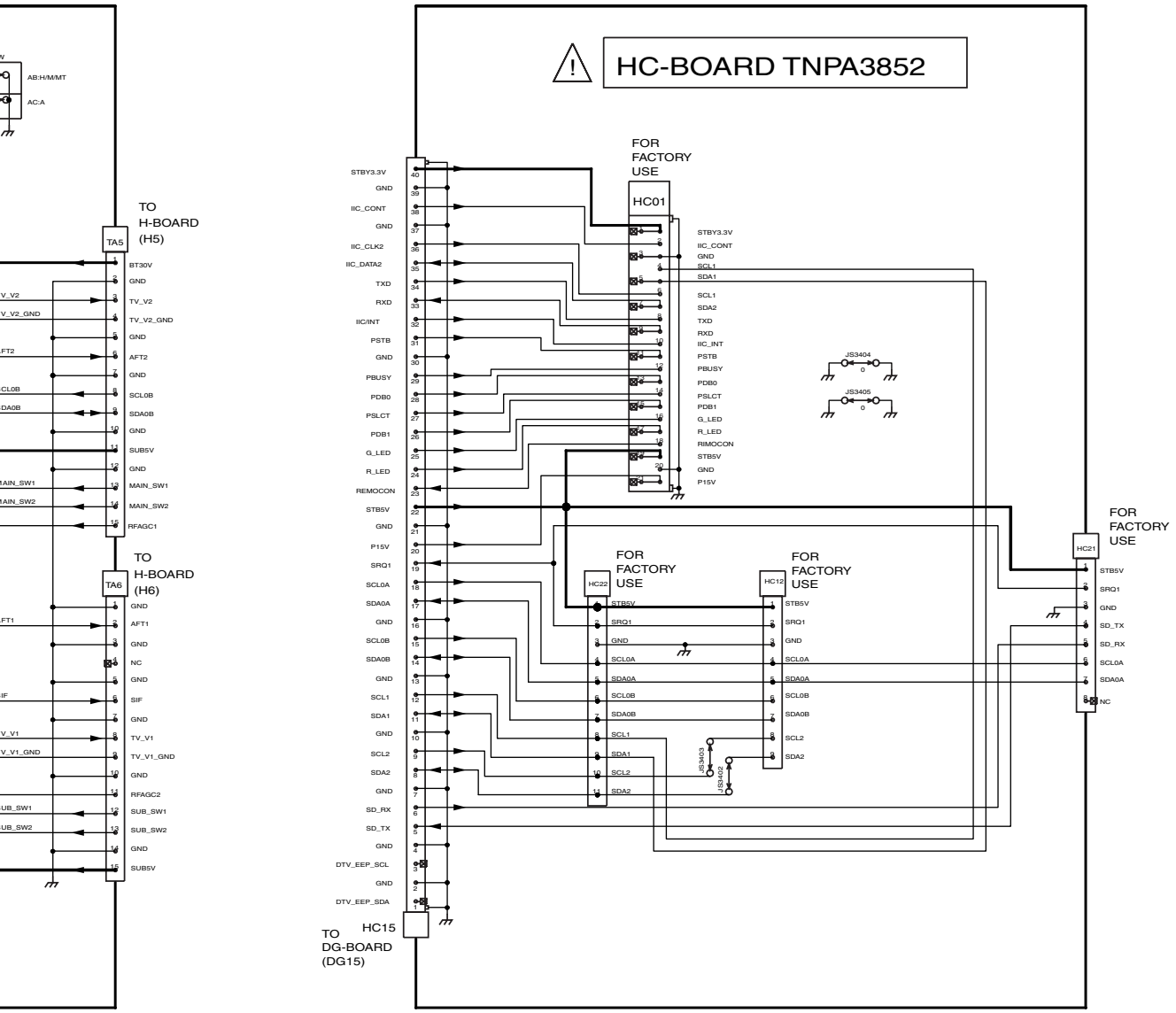
TH-42PV60A/H/M/MT
G, GK, and K-Board Schematic Diagram

4 5 6 7 8

14.20. HC and TA-Board Schematic Diagram



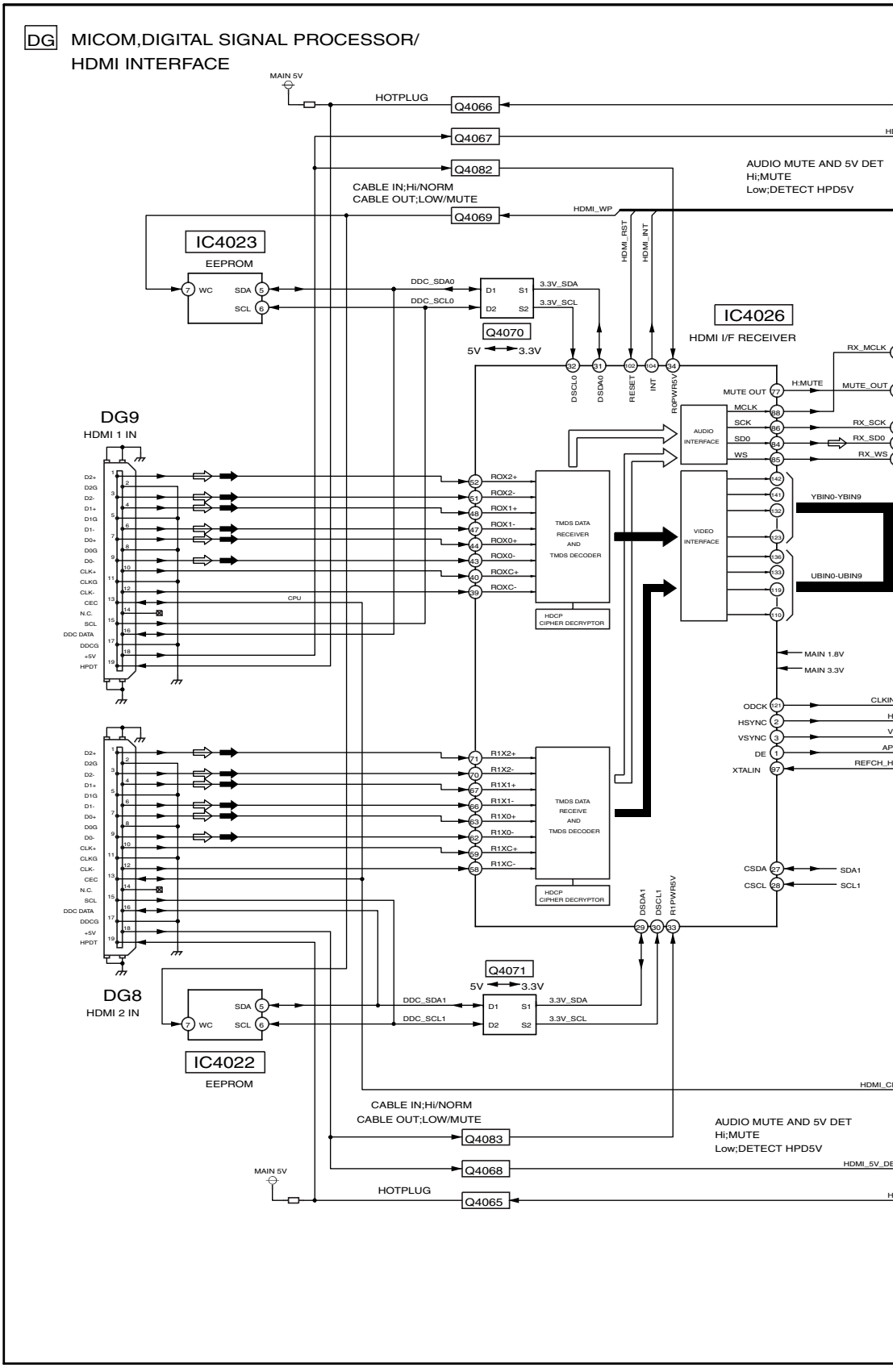
TH-42PV60A/H/M/MT
HC and TA-Board Schematic Diagram



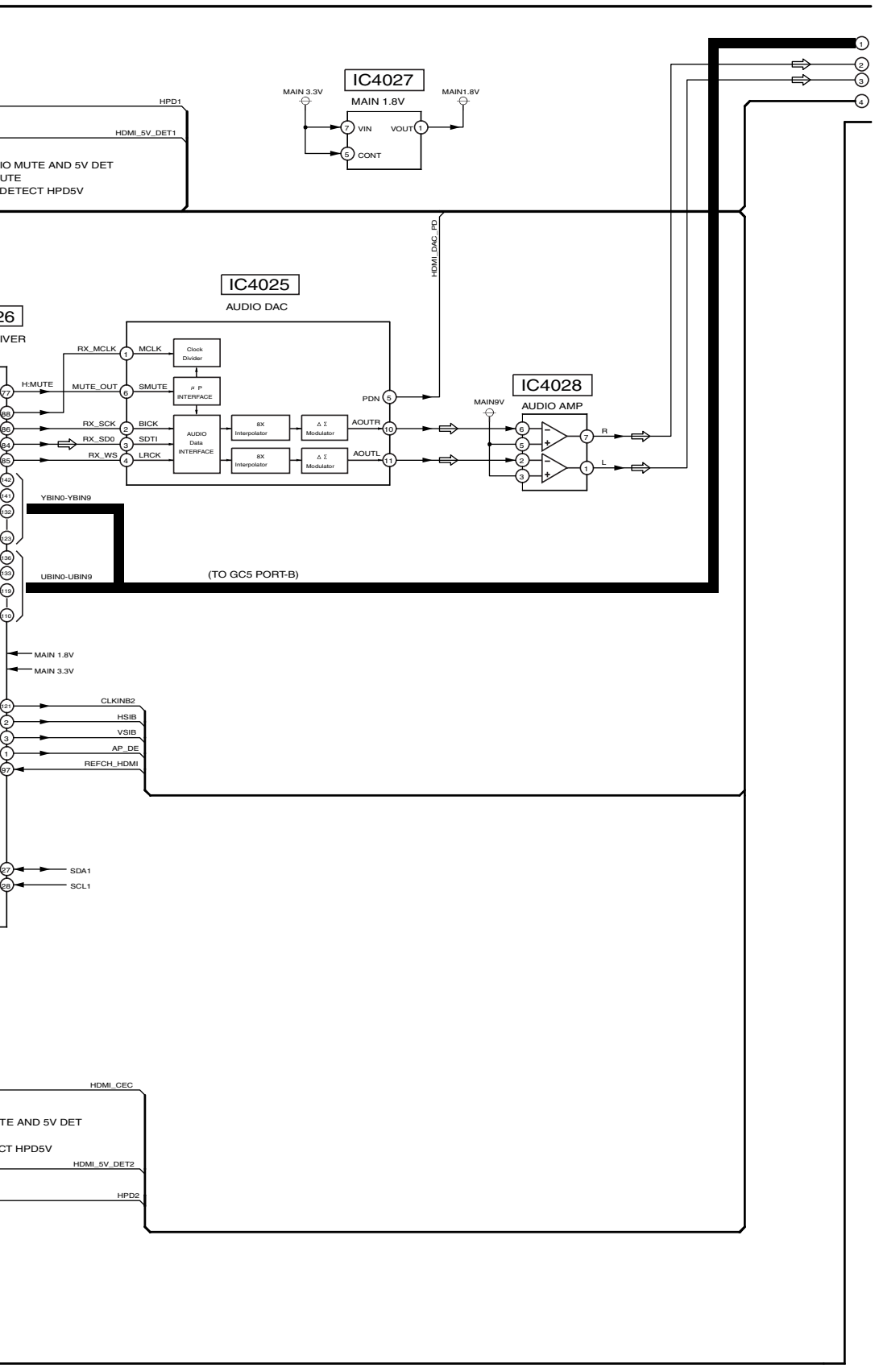
TH-42PV60A/H/M/MT
HC and TA-Board Schematic Diagram

5 6 7 8

14.21. DG-Board (1 of 3) Block Diagram

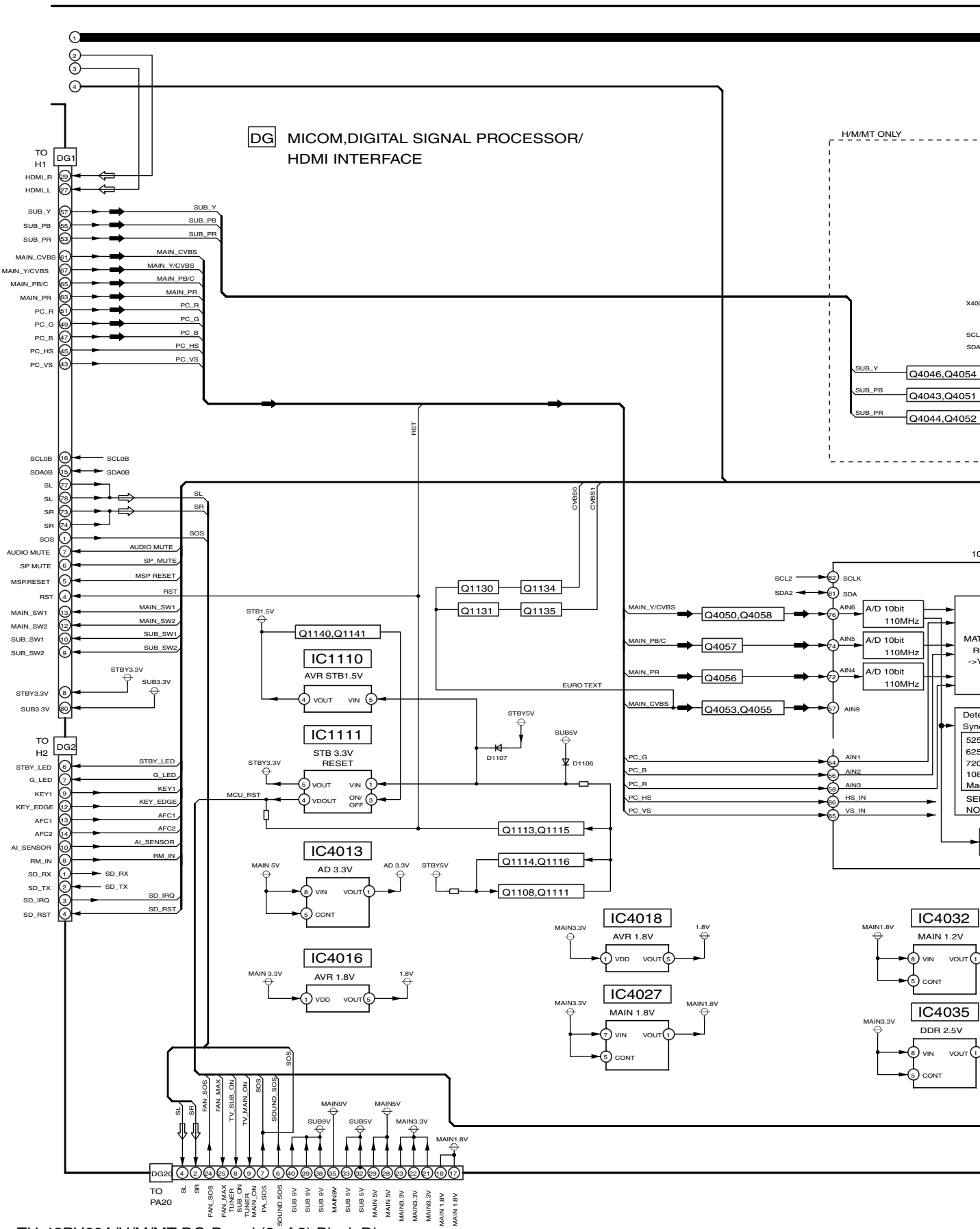


TH-42PV60A/H/M/MT
DG-Board (1 of 3) Block Diagram

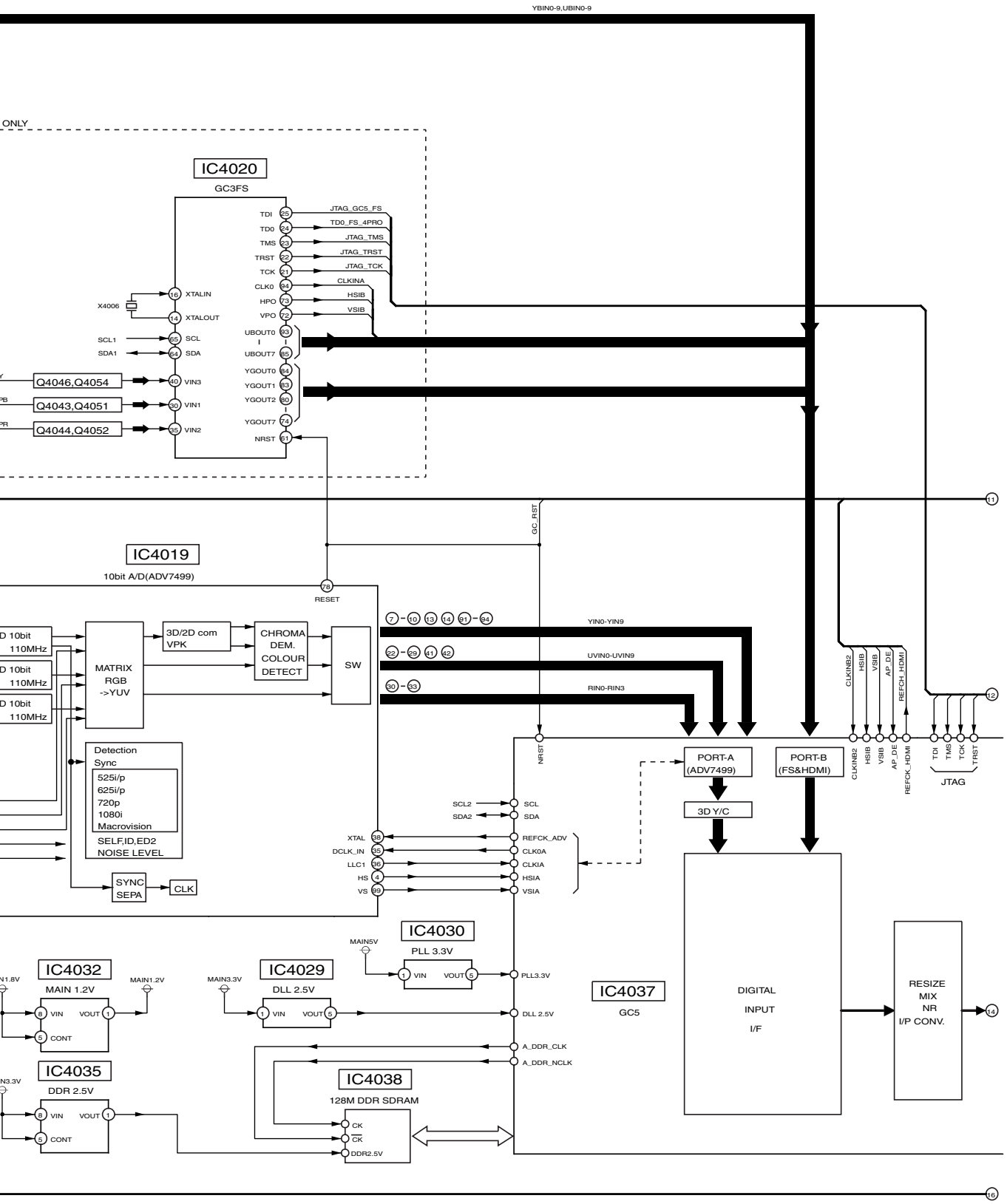


TH-42PV60A/H/M/MT
DG-Board (1 of 3) Block Diagram

14.22. DG-Board (2 of 3) Block Diagram

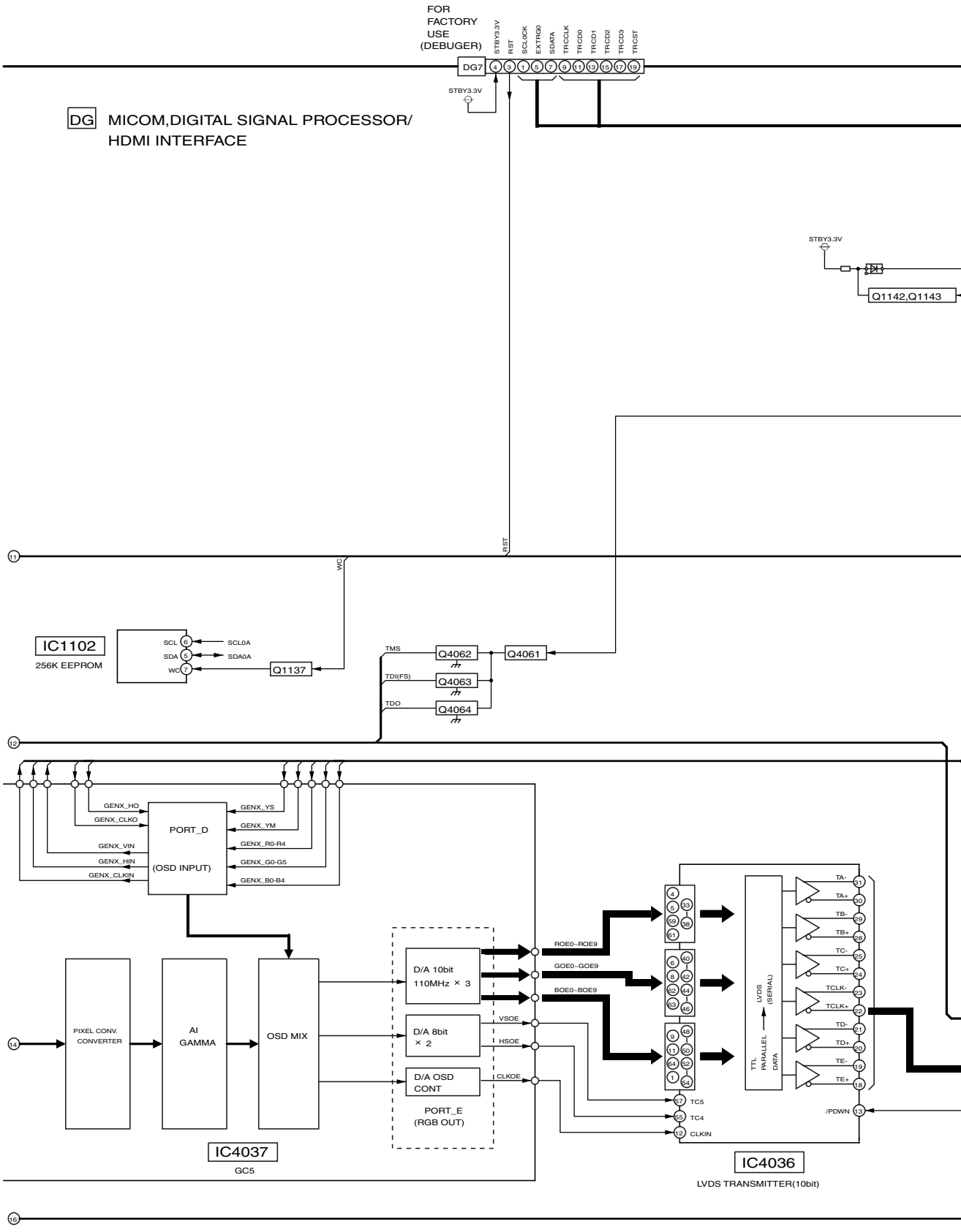


TH-42PV60A/H/M/MT DG-Board (2 of 3) Block Diagram

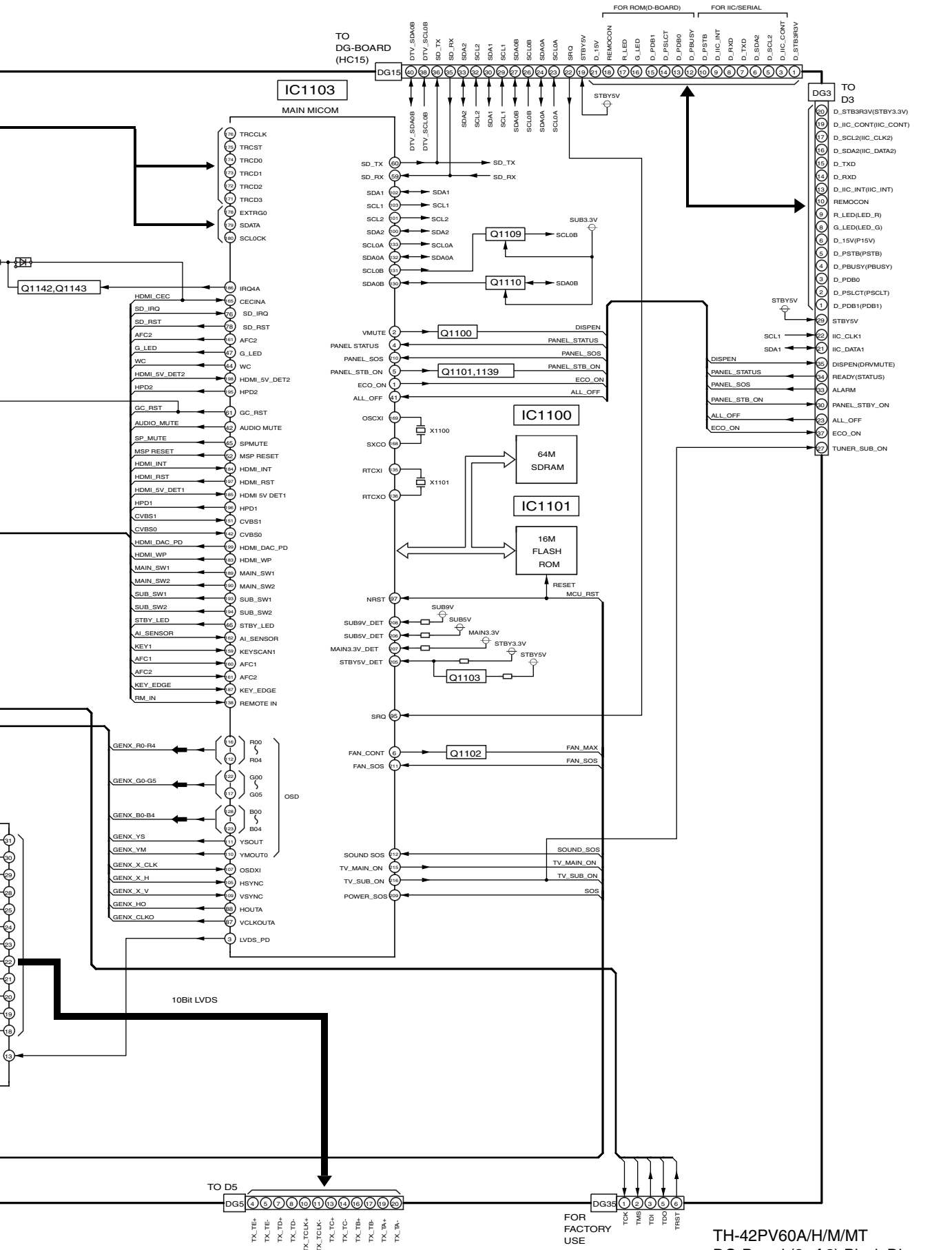


TH-42PV60A/H/M/MT
DG-Board (2 of 3) Block Diagram

14.23. DG-Board (3 of 3) Block Diagram



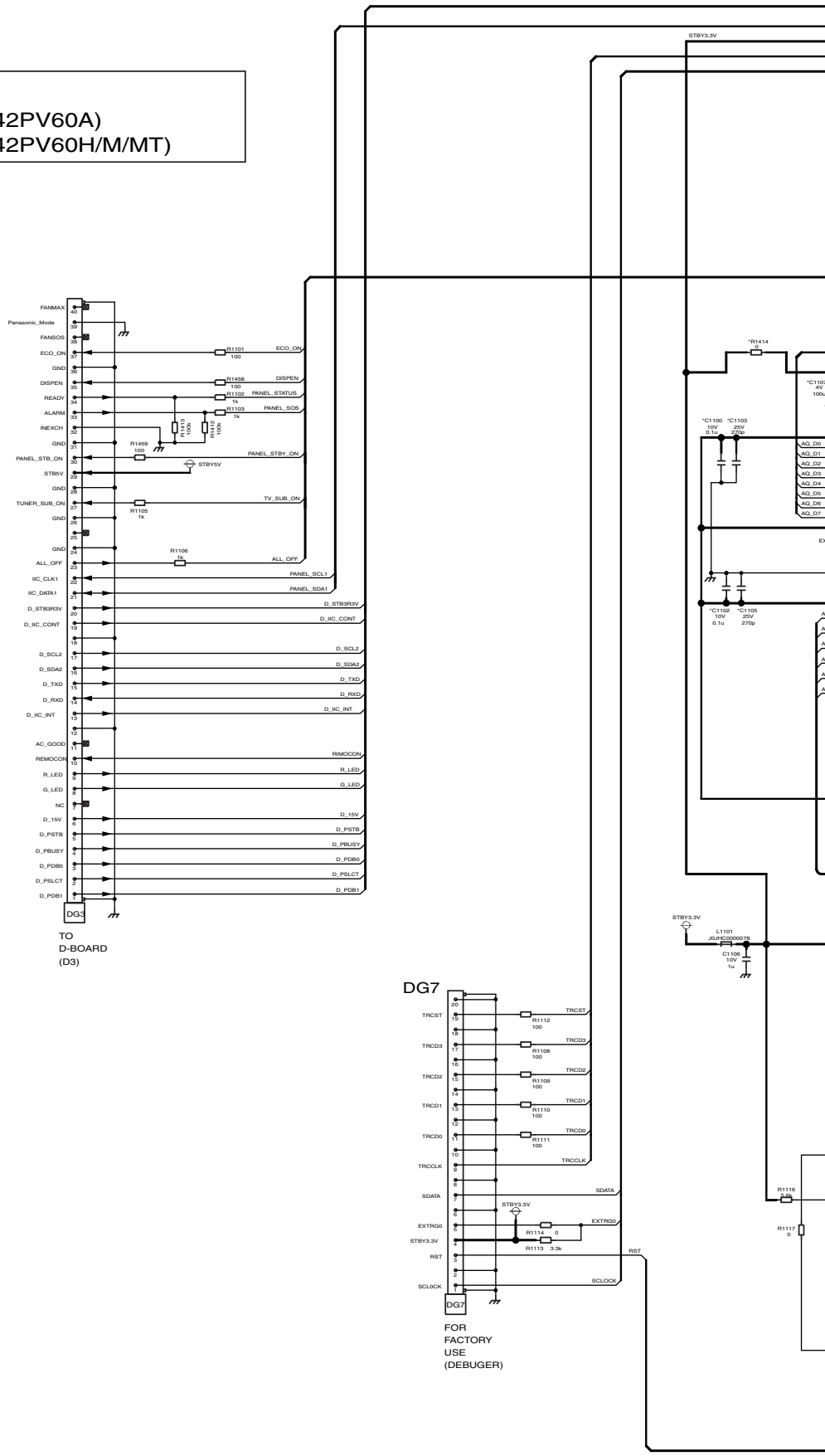
TH-42PV60A/H/M/MT
DG-Board (3 of 3) Block Diagram



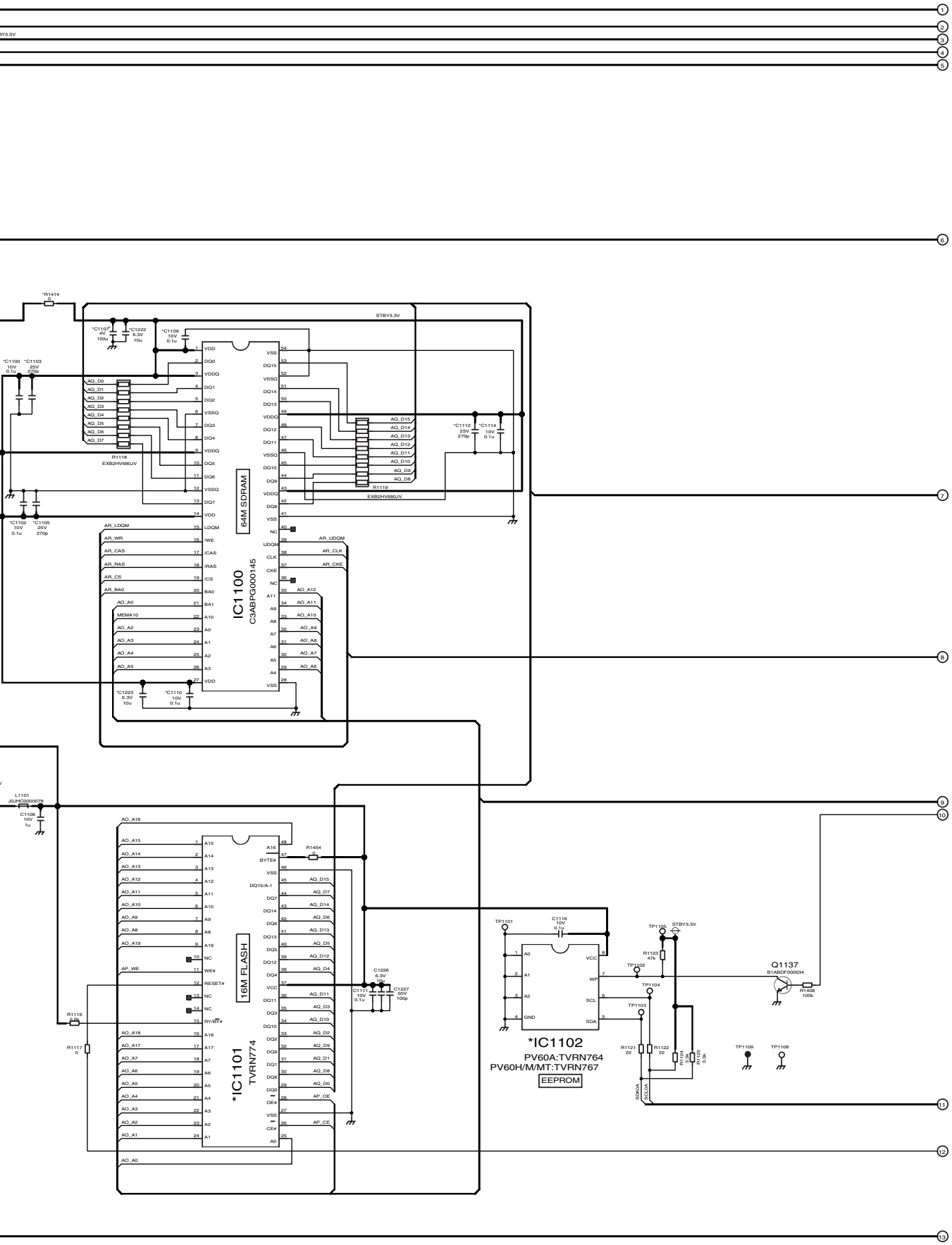
TH-42PV60A/H/M/MT
DG-Board (3 of 3) Block Diagram

14.24. DG-Board (1 of 8) Schematic Diagram

DG-BOARD (1/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

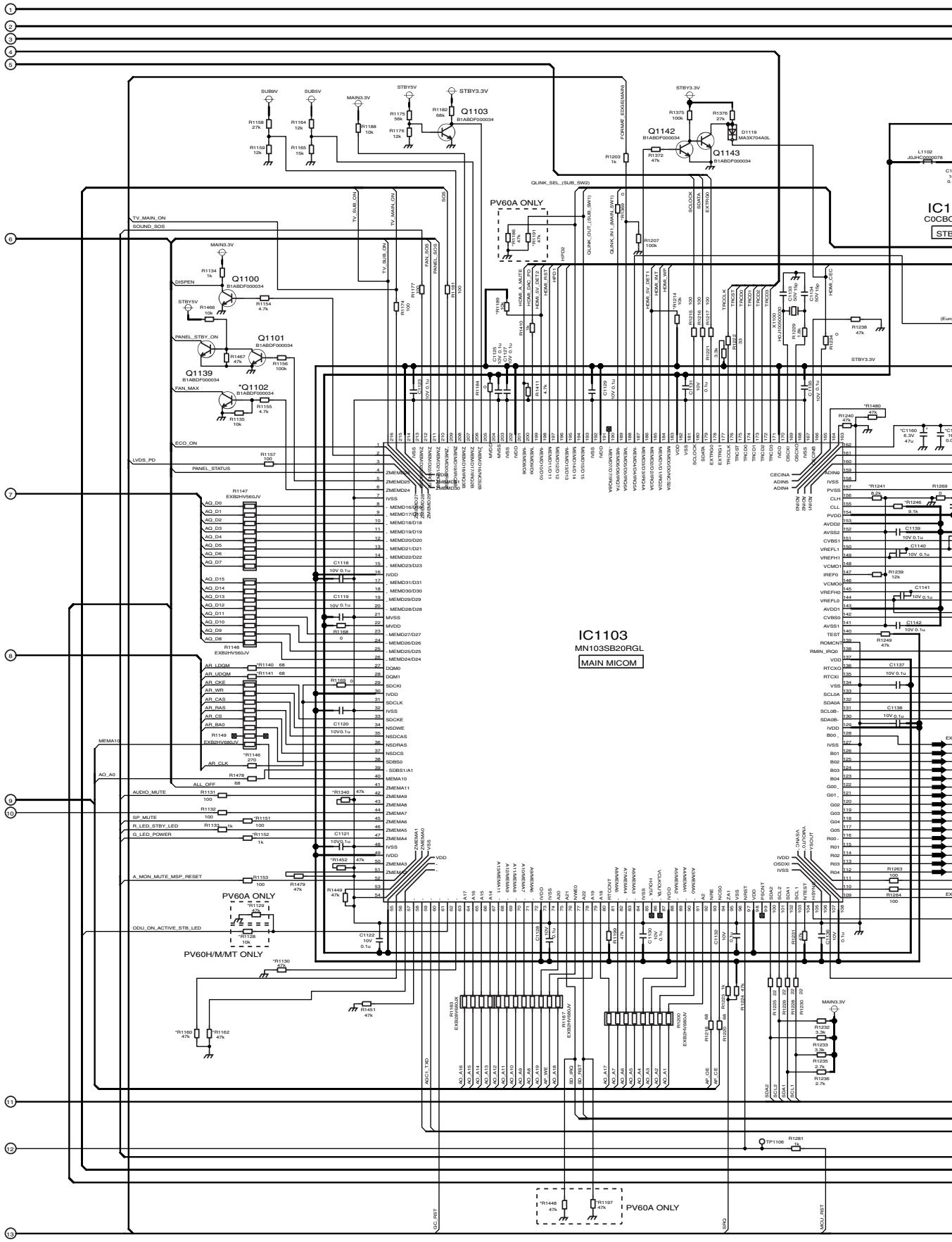


TH-42PV60A/H/M/MT DG-Board (1 of 8) Schematic Diagram

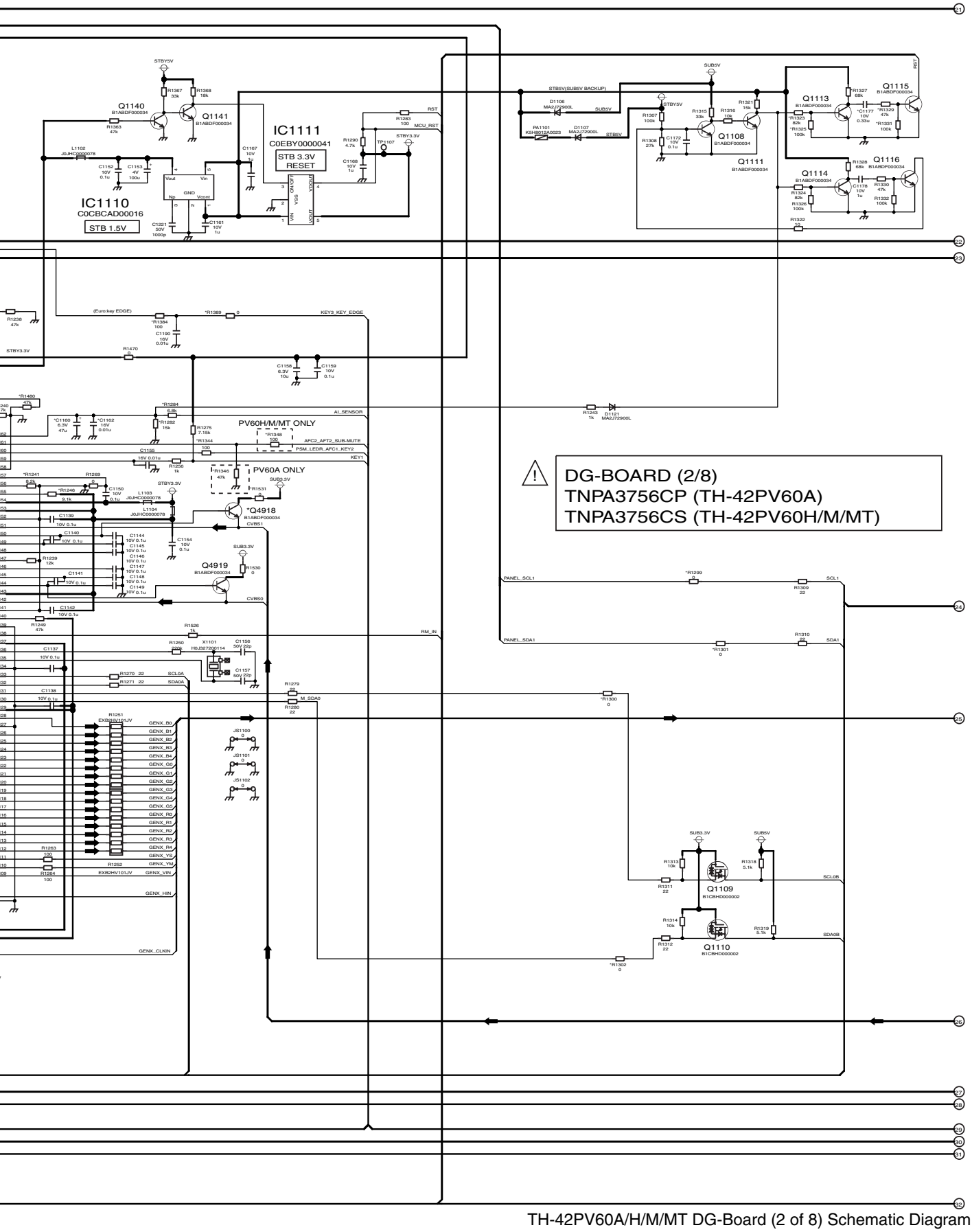


TH-42PV60A/H/M/MT DG-Board (1 of 8) Schematic Diagram

14.25. DG-Board (2 of 8) Schematic Diagram



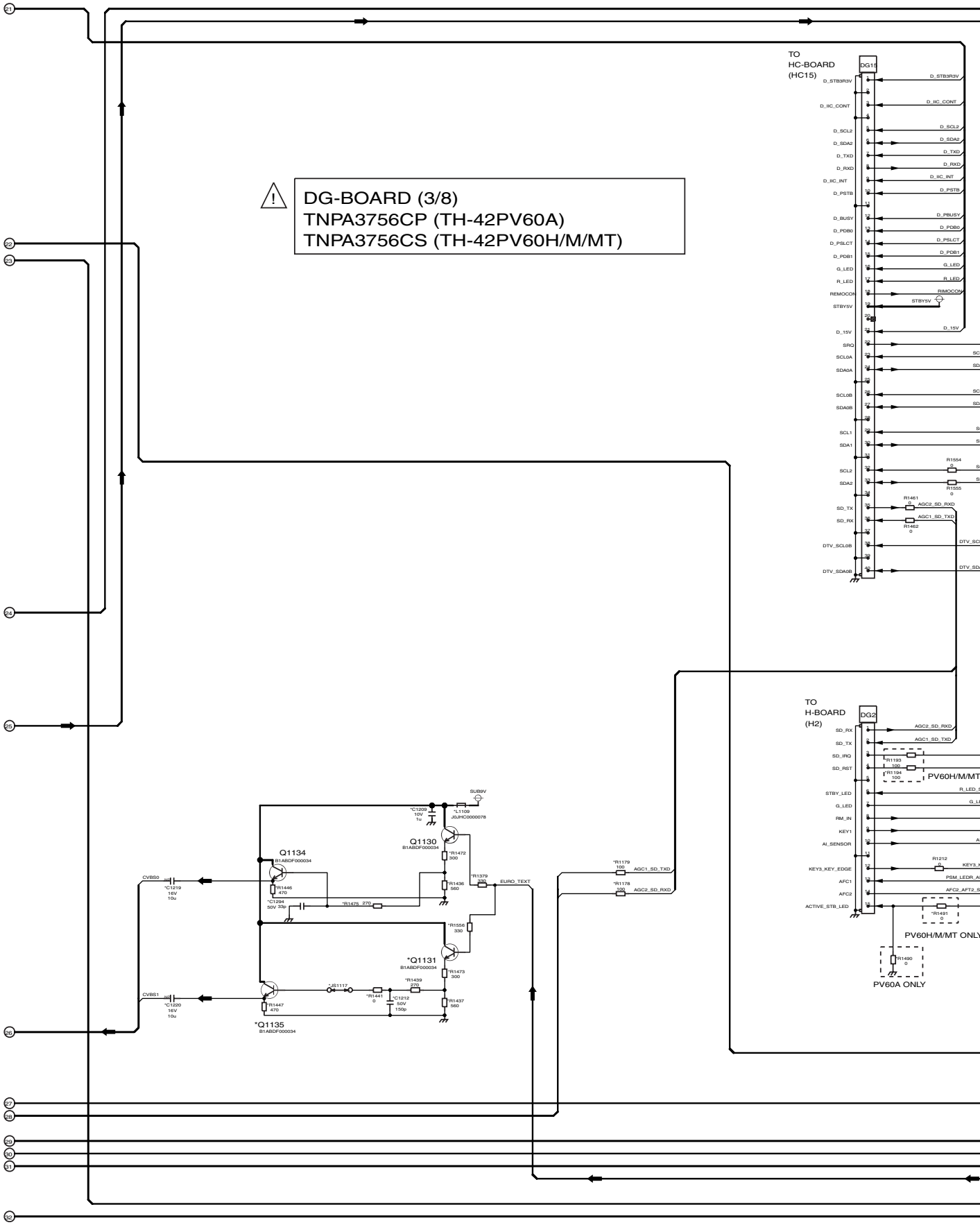
TH-42PV60A/H/M/MT DG-Board (2 of 8) Schematic Diagram



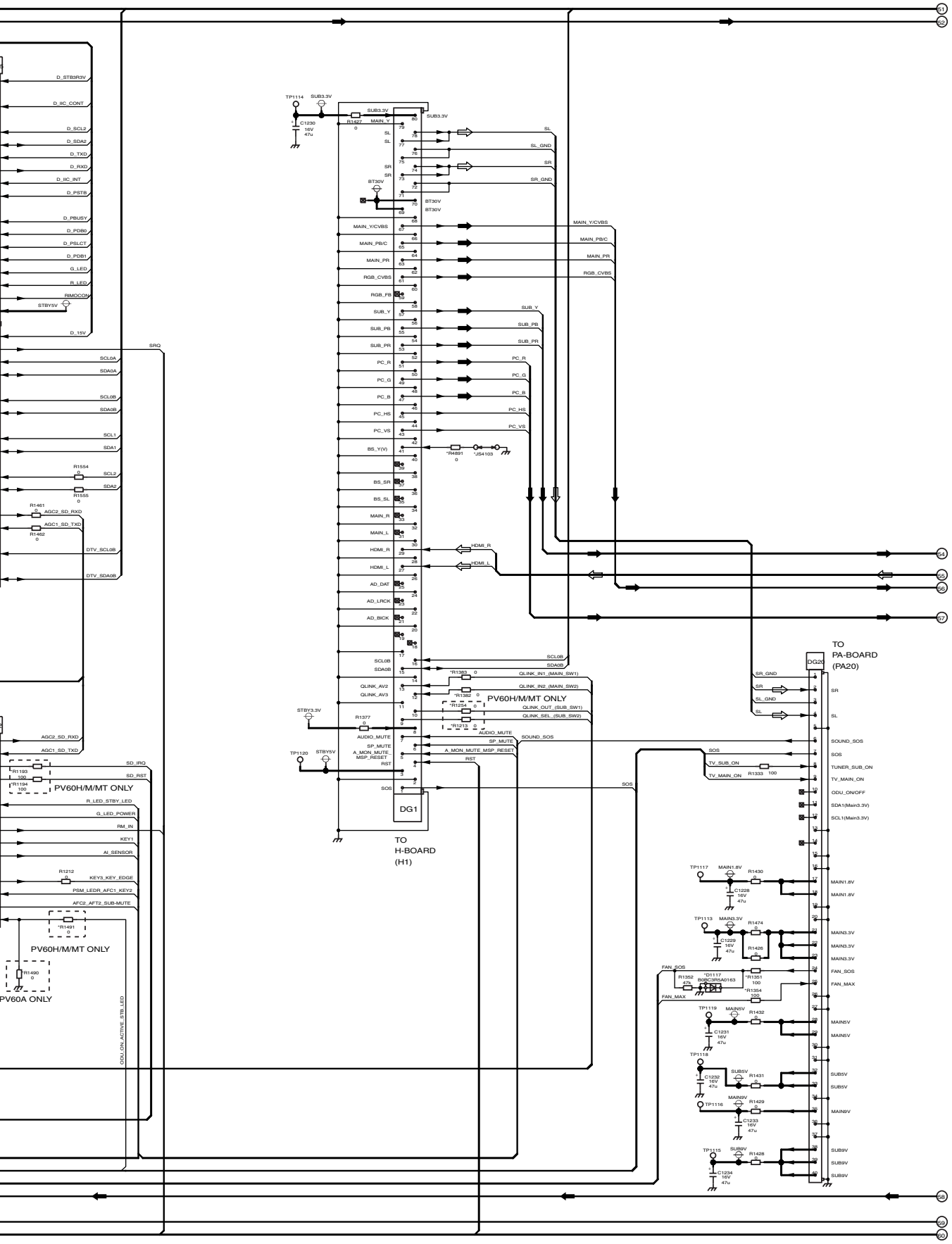
TH-42PV60A/H/M/MT DG-Board (2 of 8) Schematic Diagram

14 15 16 17 18

14.26. DG-Board (3 of 8) Schematic Diagram

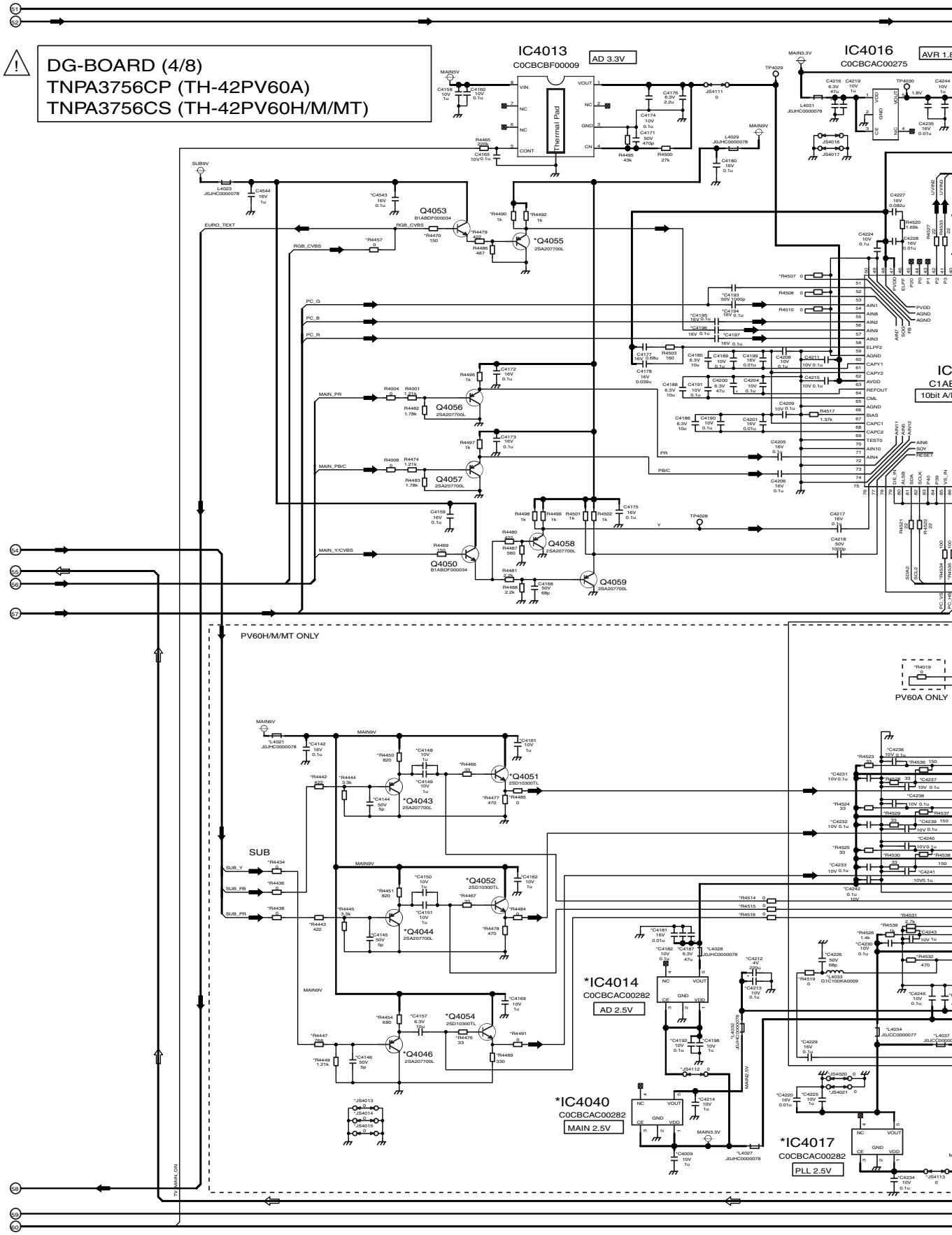


TH-42PV60A/H/M/MT DG-Board (3 of 8) Schematic Diagram

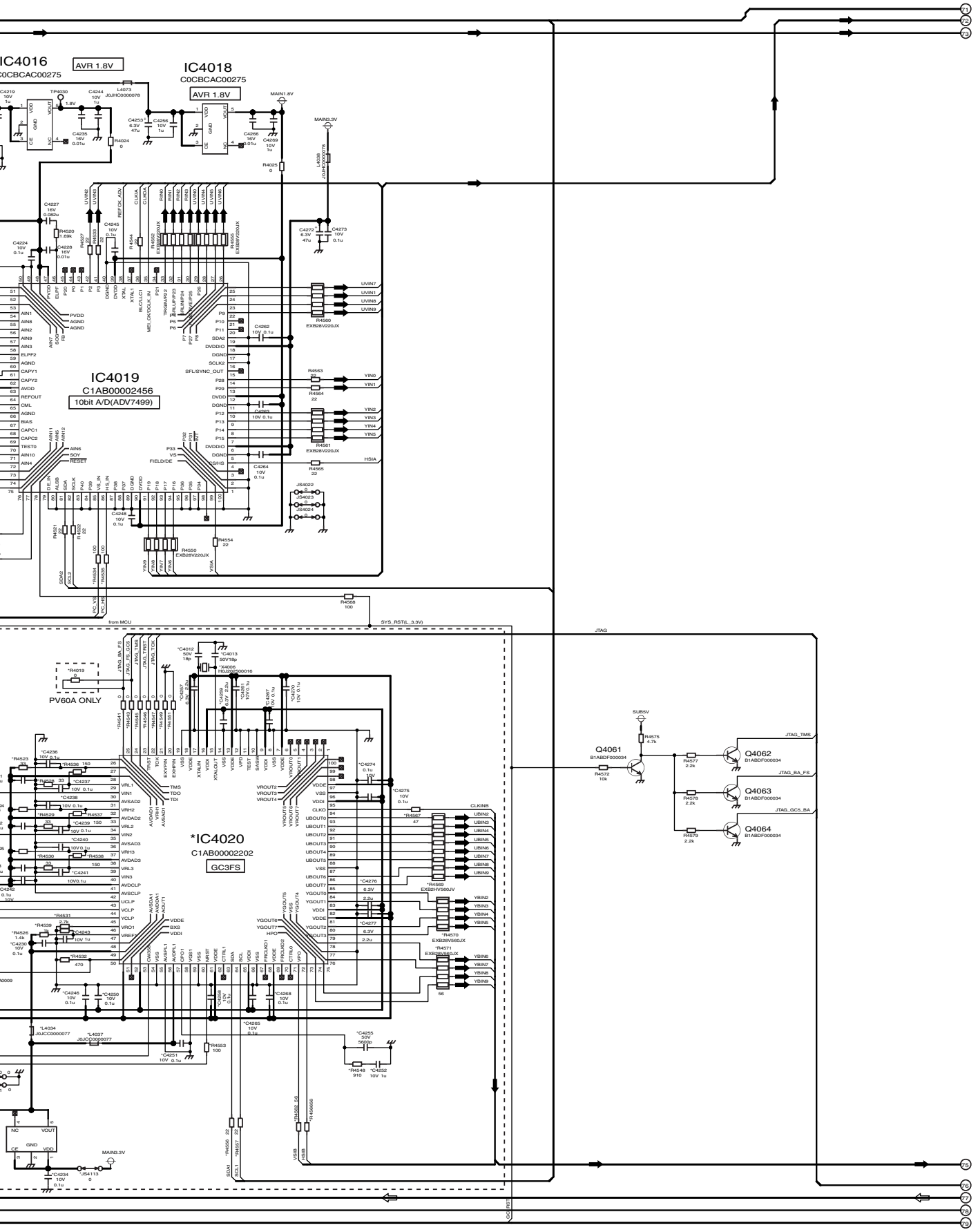


TH-42PV60A/H/M/MT DG-Board (3 of 8) Schematic Diagram

14.27. DG-Board (4 of 8) Schematic Diagram



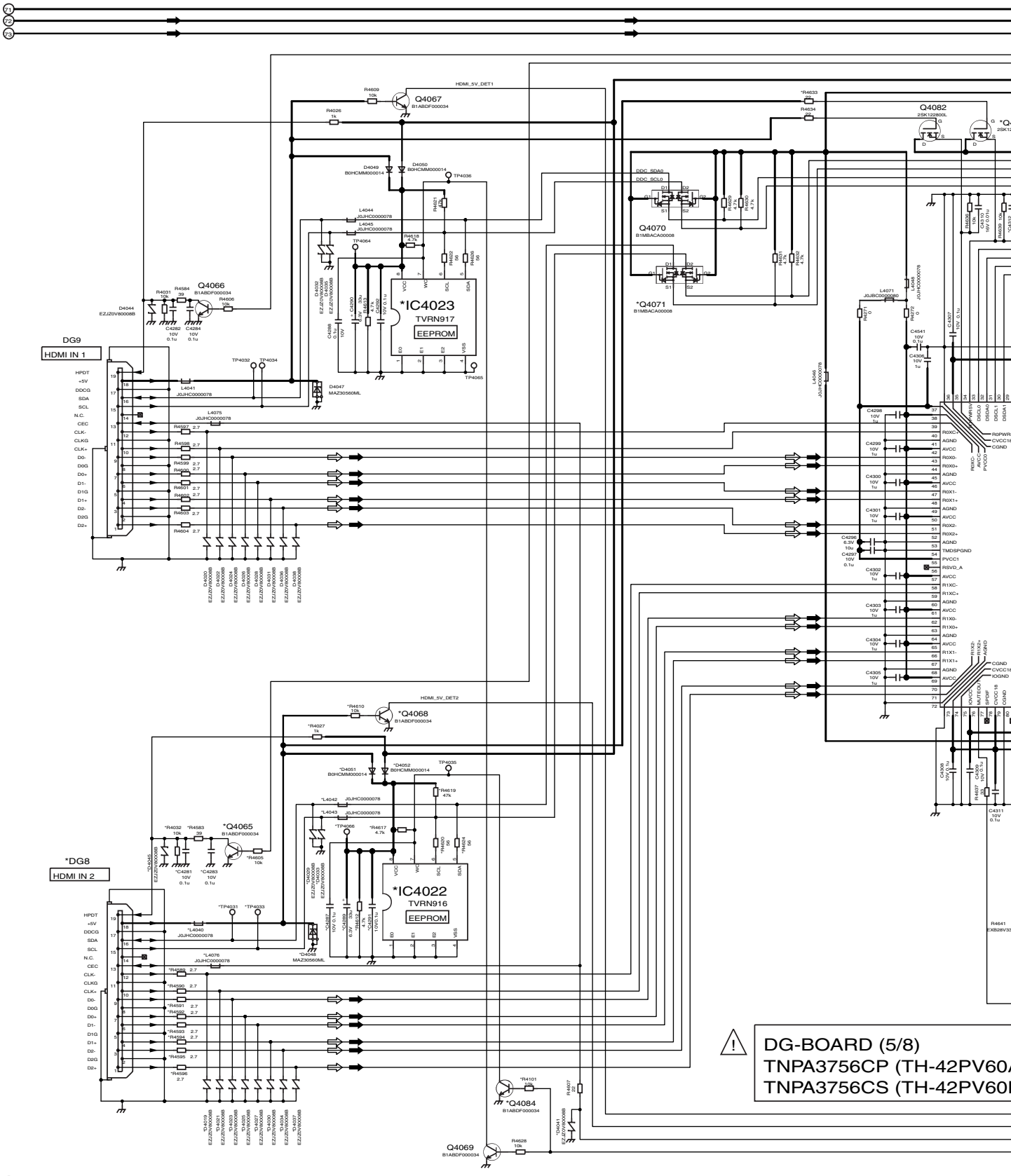
TH-42PV60A/H/M/MT DG-Board (4 of 8) Schematic Diagram



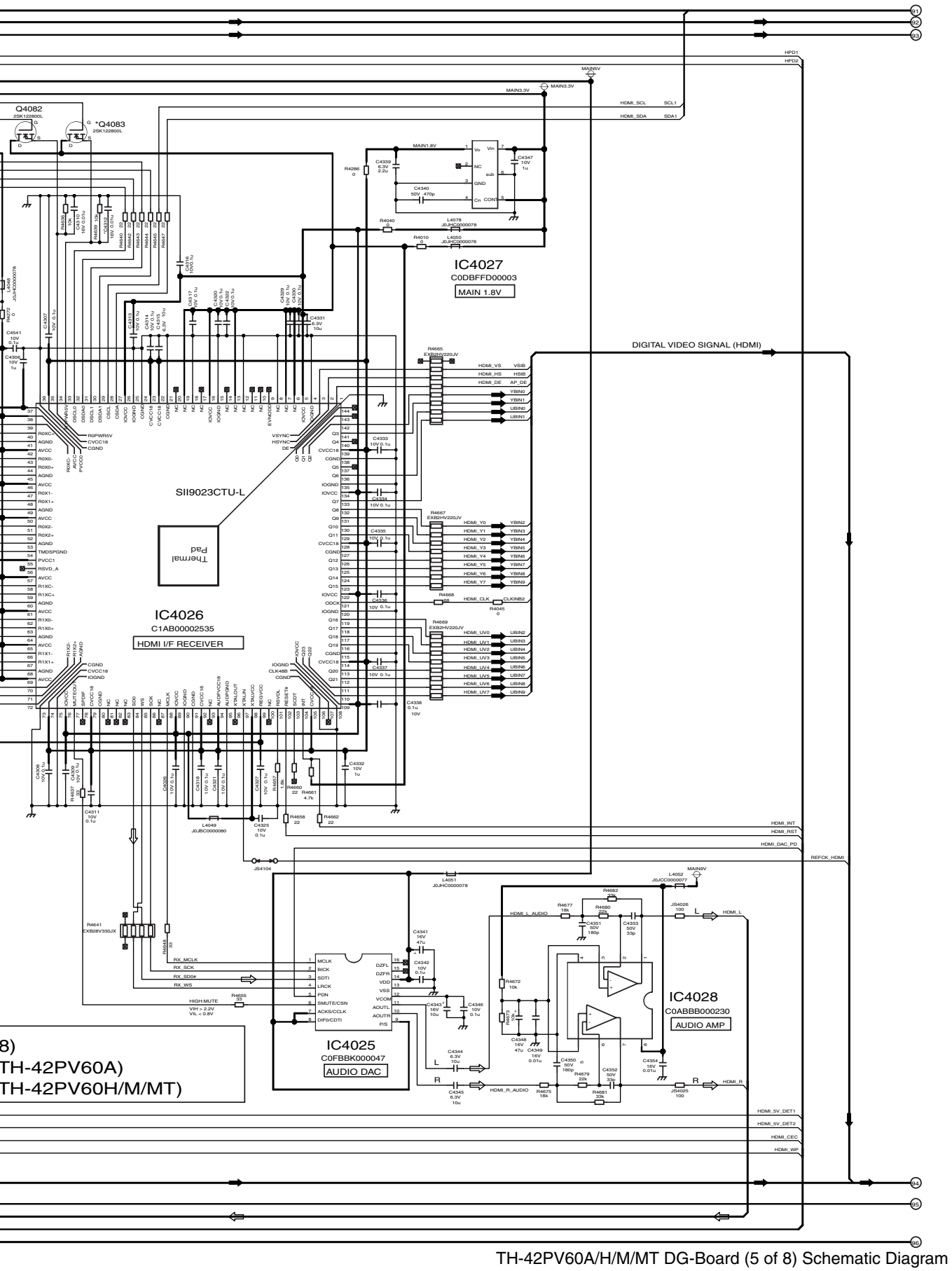
TH-42PV60A/H/M/MT DG-Board (4 of 8) Schematic Diagram

32	33	34	35	36

14.28. DG-Board (5 of 8) Schematic Diagram



TH-42PV60A/H/M/MT DG-Board (5 of 8) Schematic Diagram

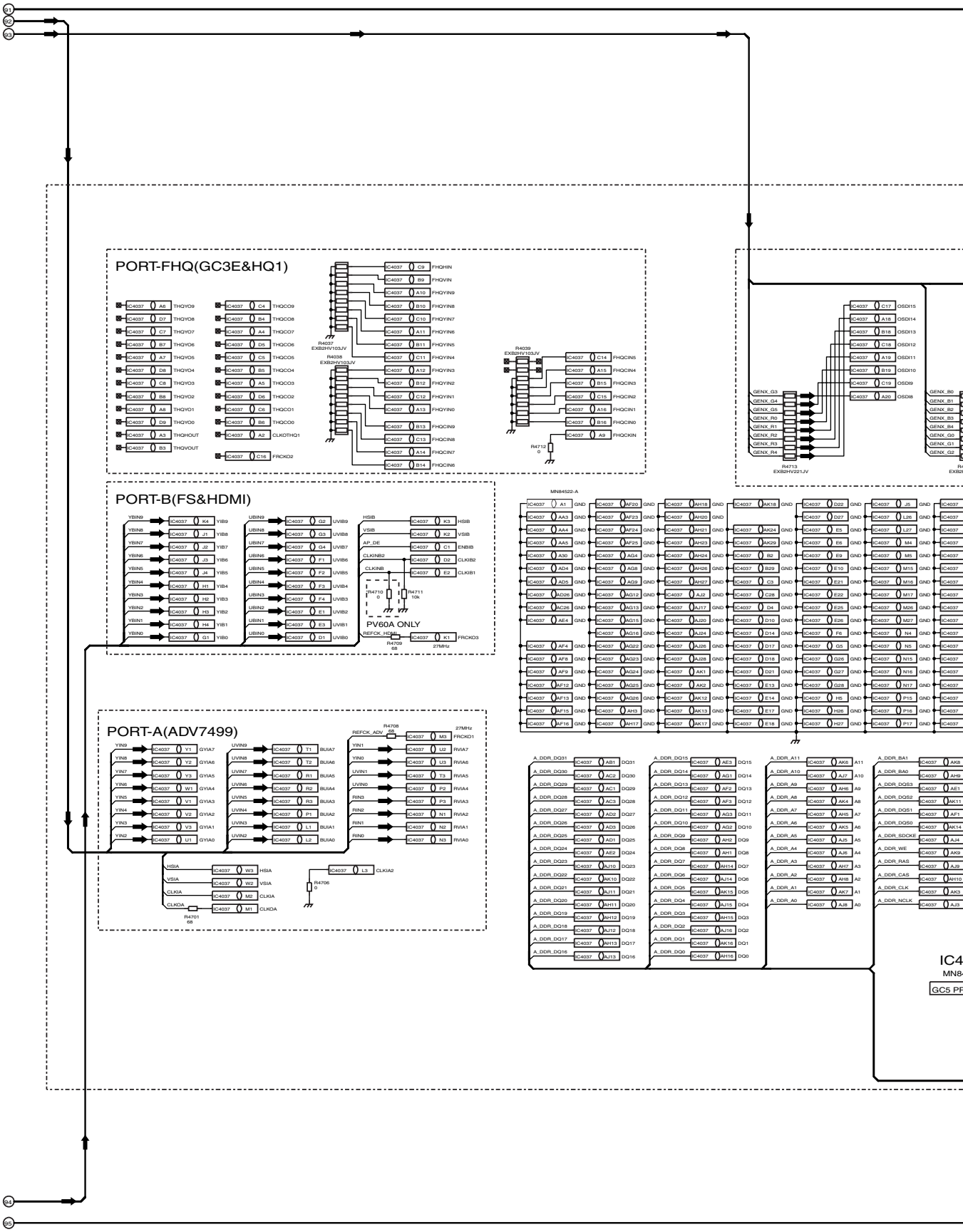


8)
TH-42PV60A)
TH-42PV60H/M/MT)

TH-42PV60A/H/M/MT DG-Board (5 of 8) Schematic Diagram

41 42 43 44 45

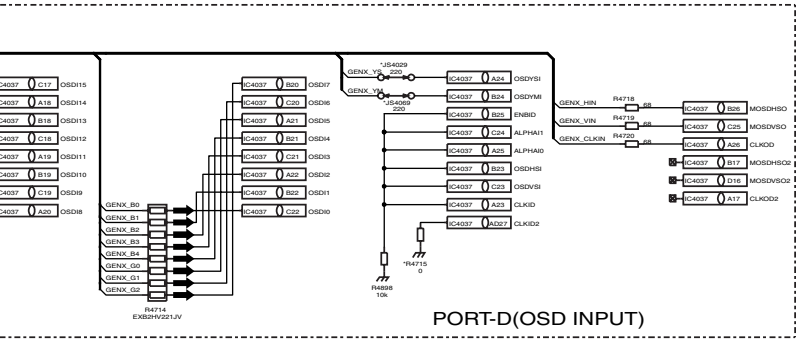
14.29. DG-Board (6 of 8) Schematic Diagram

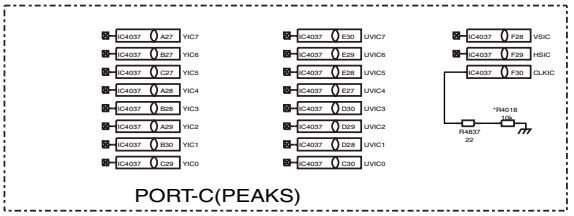


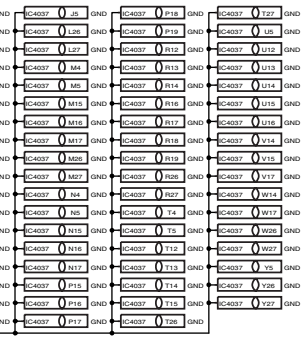
TH-42PV60A/H/M/MT DG-Board (6 of 8) Schematic Diagram

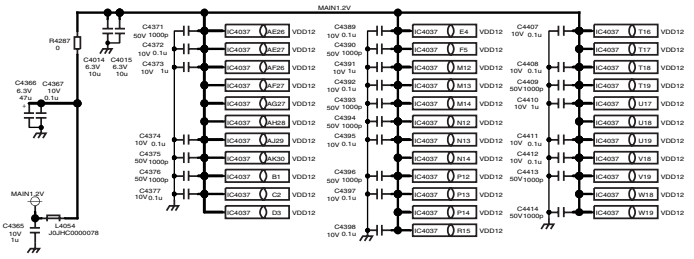
46	47	48	49	50

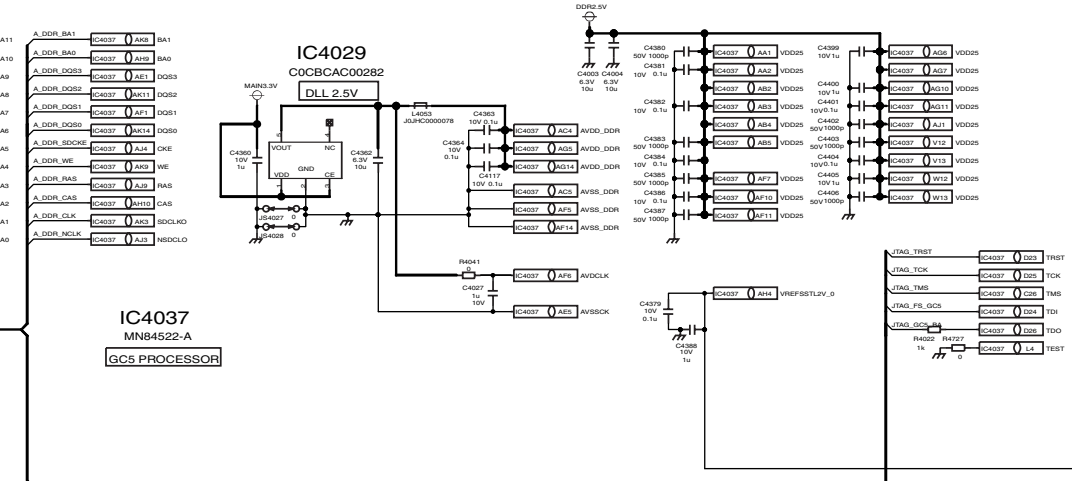
DG-BOARD (6/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)



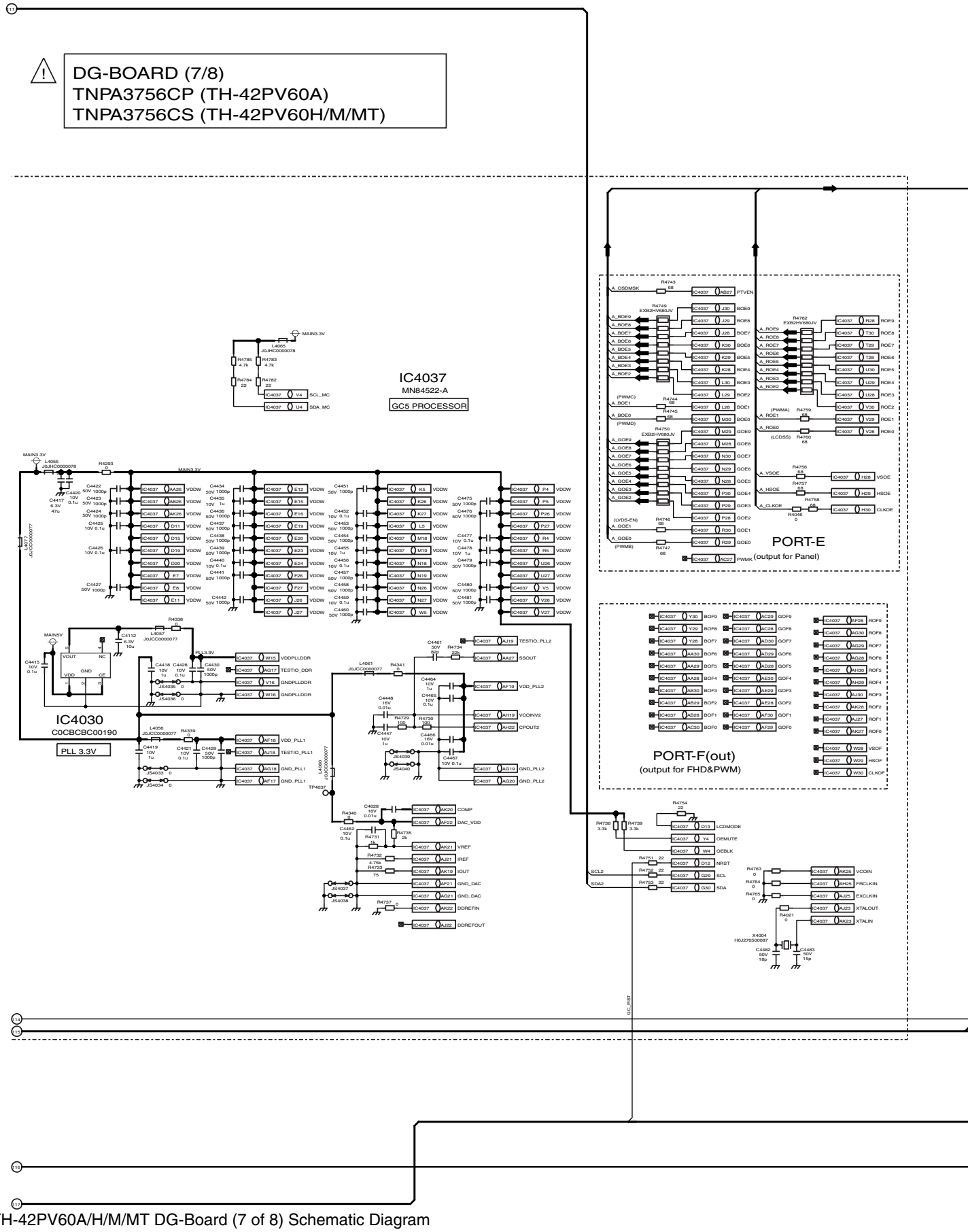




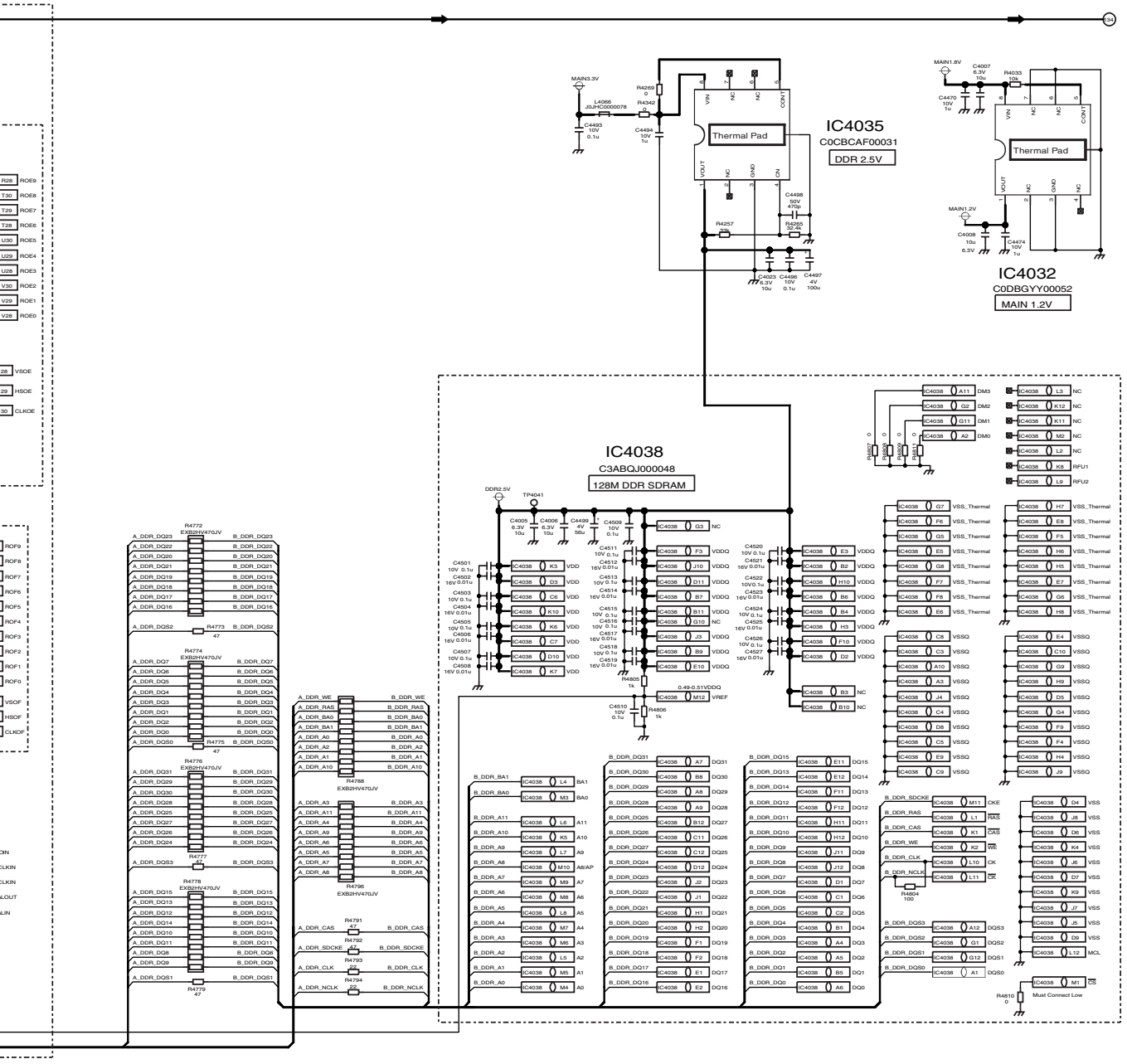




14.30. DG-Board (7 of 8) Schematic Diagram



TH-42PV60A/H/M/MT DG-Board (7 of 8) Schematic Diagram

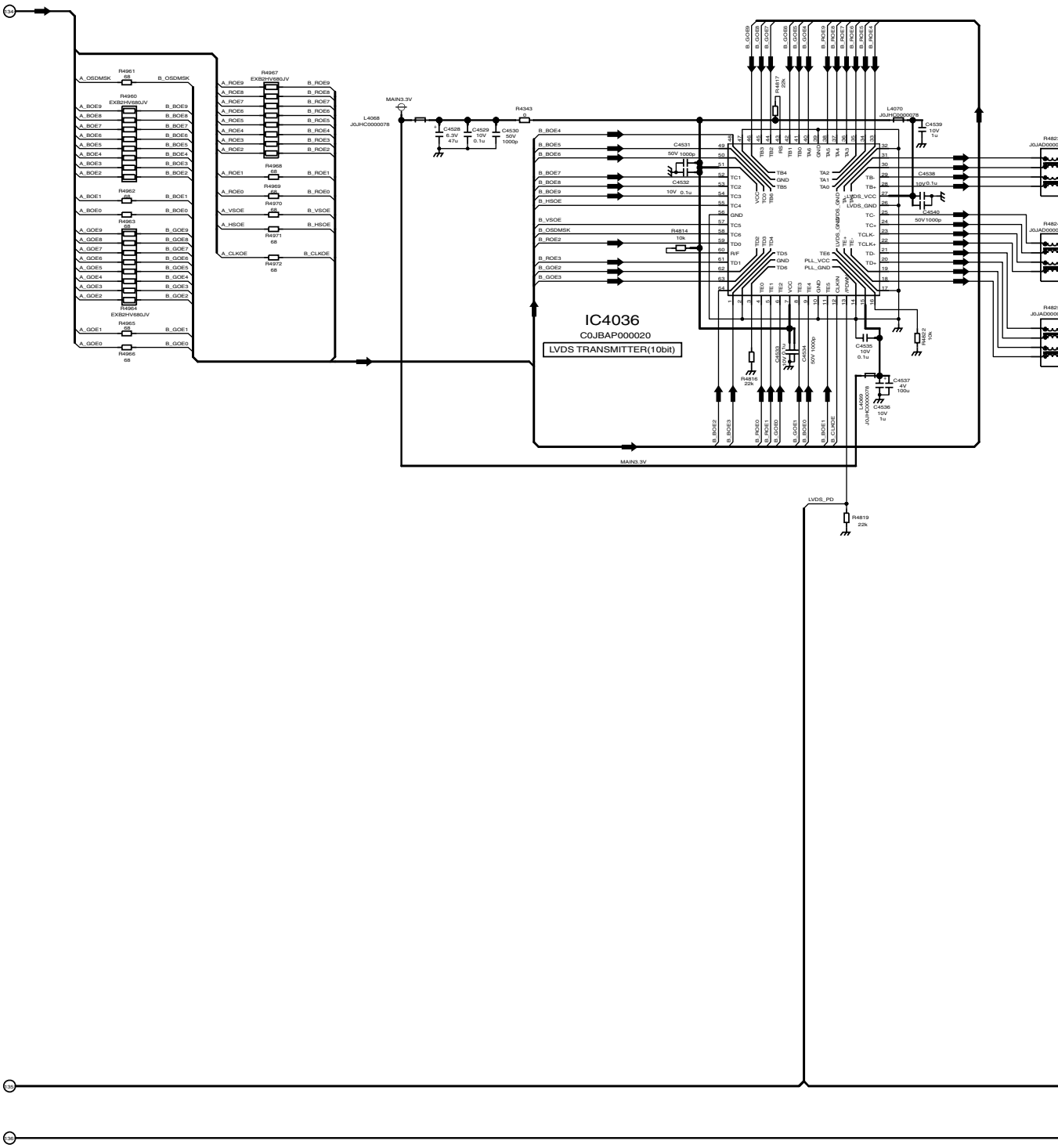


TH-42PV60A/H/M/MT DG-Board (7 of 8) Schematic Diagram

59	60	61	62	63

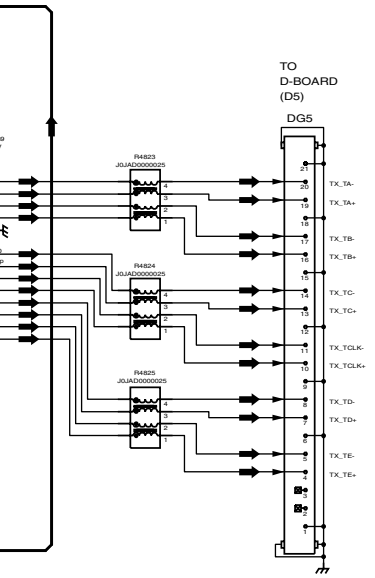
14.31. DG-Board (8 of 8) Schematic Diagram

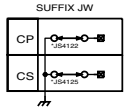
DG-BOARD (8/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

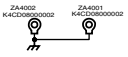


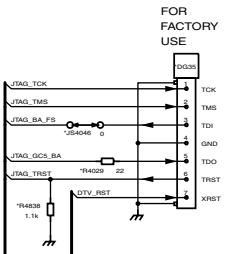
TH-42PV60A/H/M/MT DG-Board (8 of 8) Schematic Diagram

64 65 66 67 68



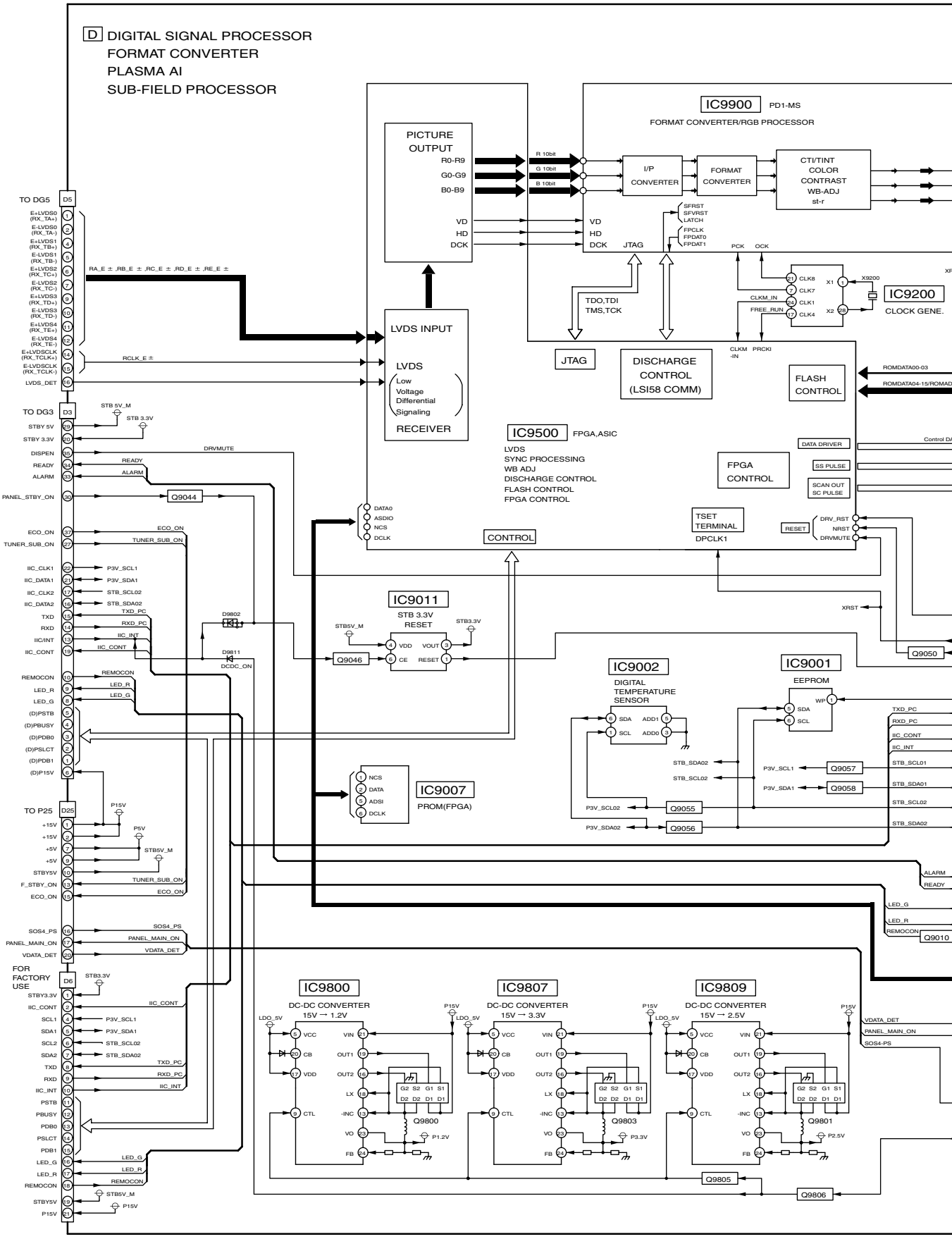




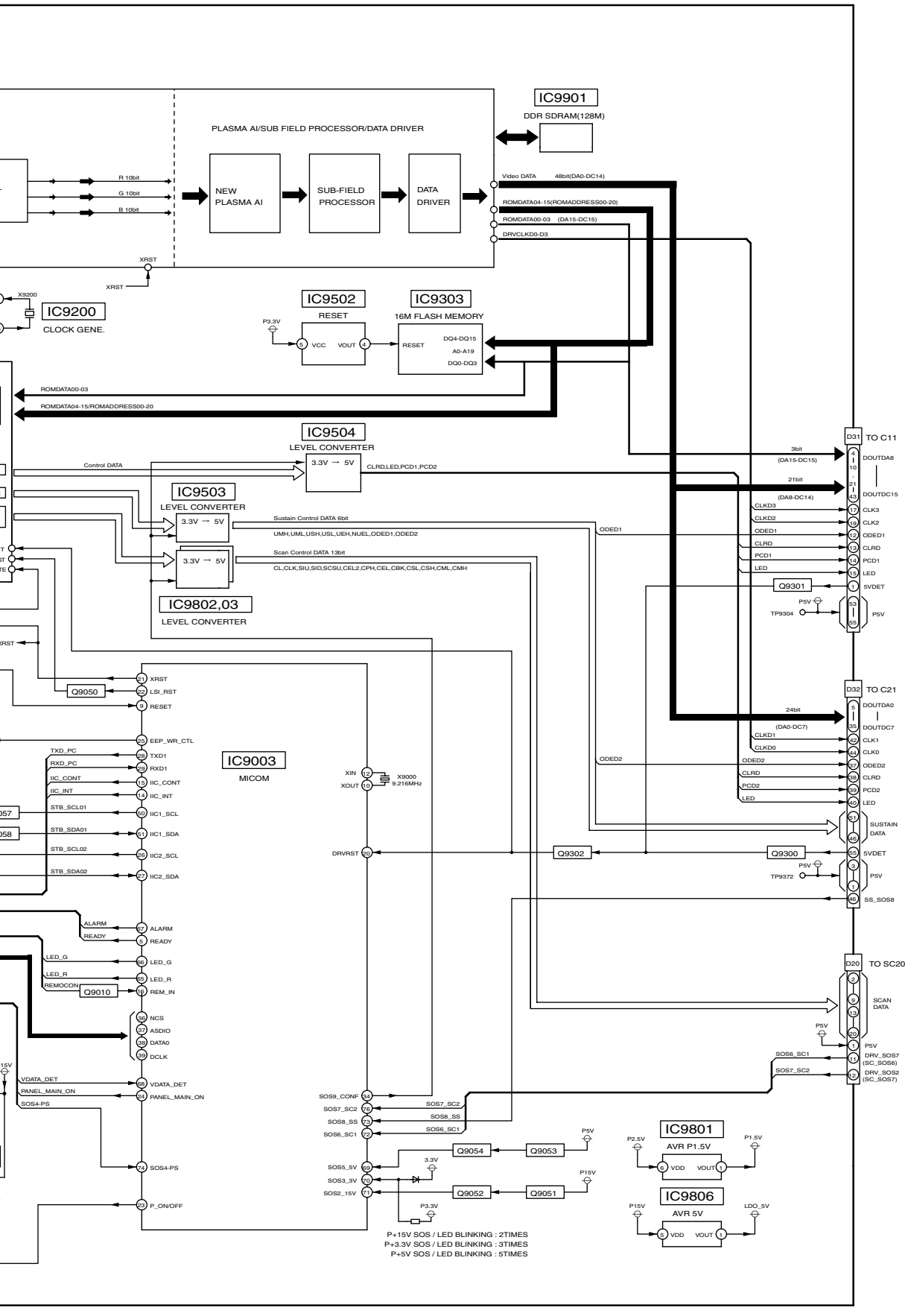


TH-42PV60A/H/M/MT DG-Board (8 of 8) Schematic Diagram

14.32. D-Board Block Diagram

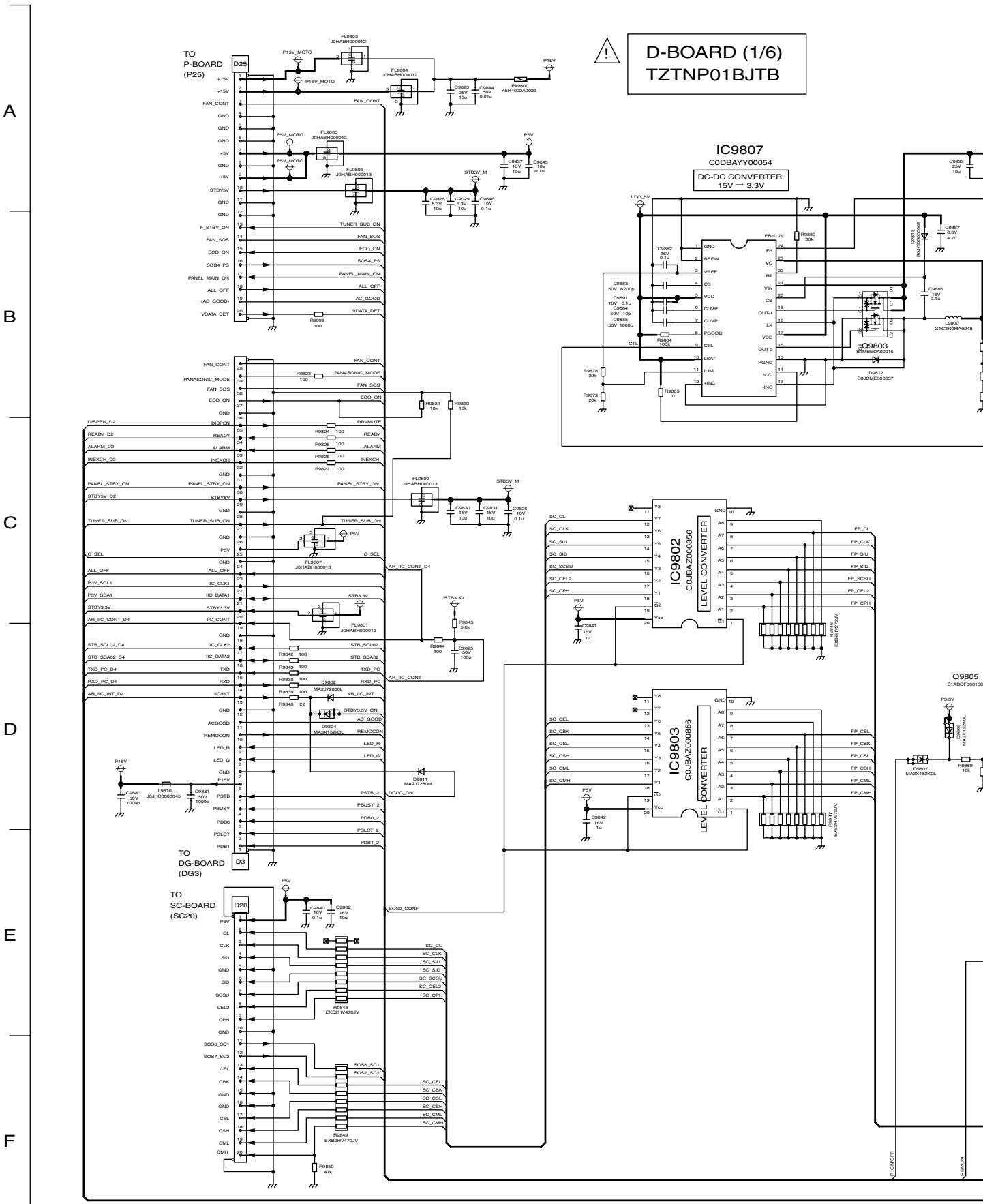


TH-42PV60A/H/M/MT
D-Board Block Diagram

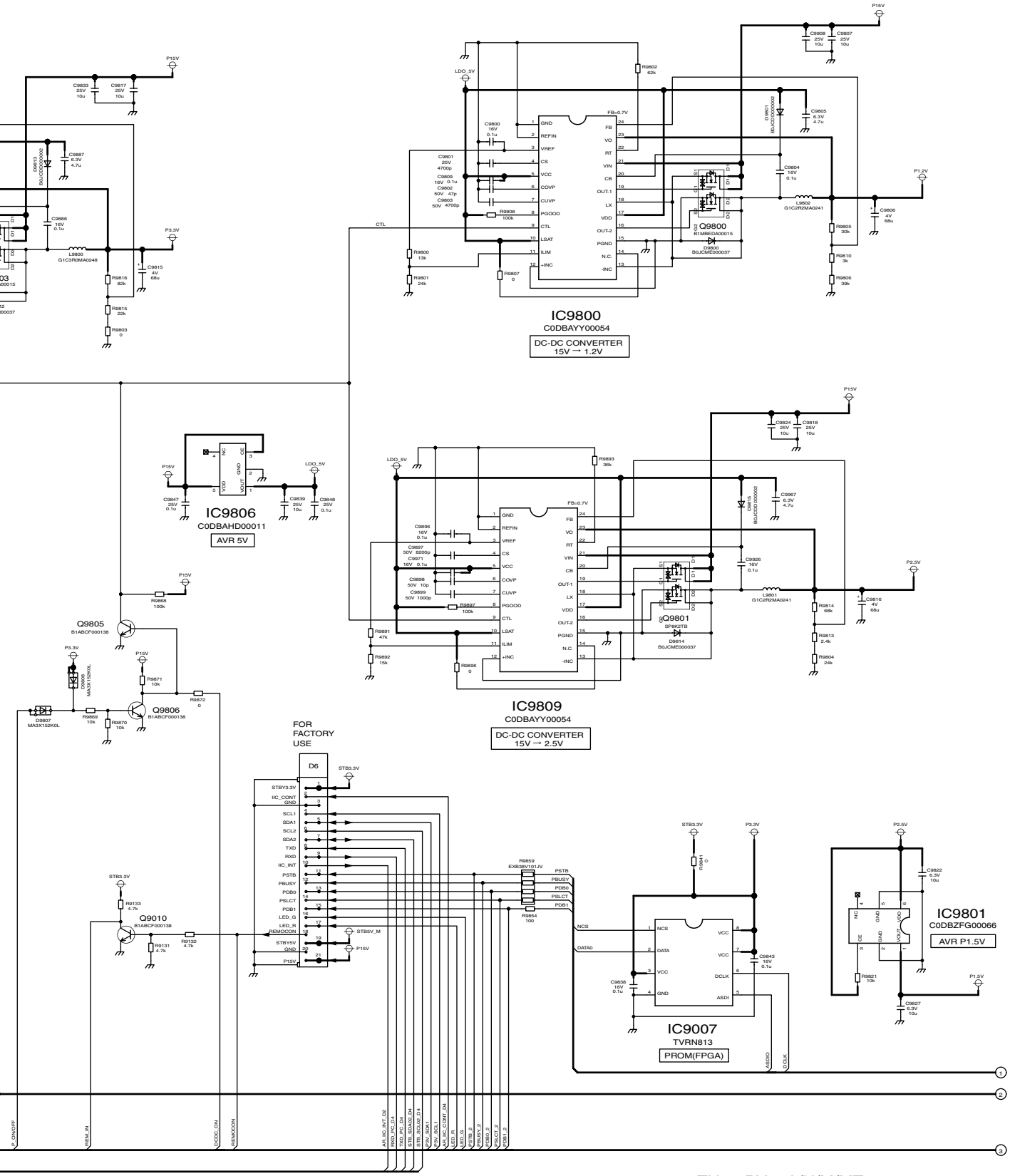


TH-42PV60A/H/M/MT
D-Board Block Diagram

14.33. D-Board (1 of 6) Schematic Diagram



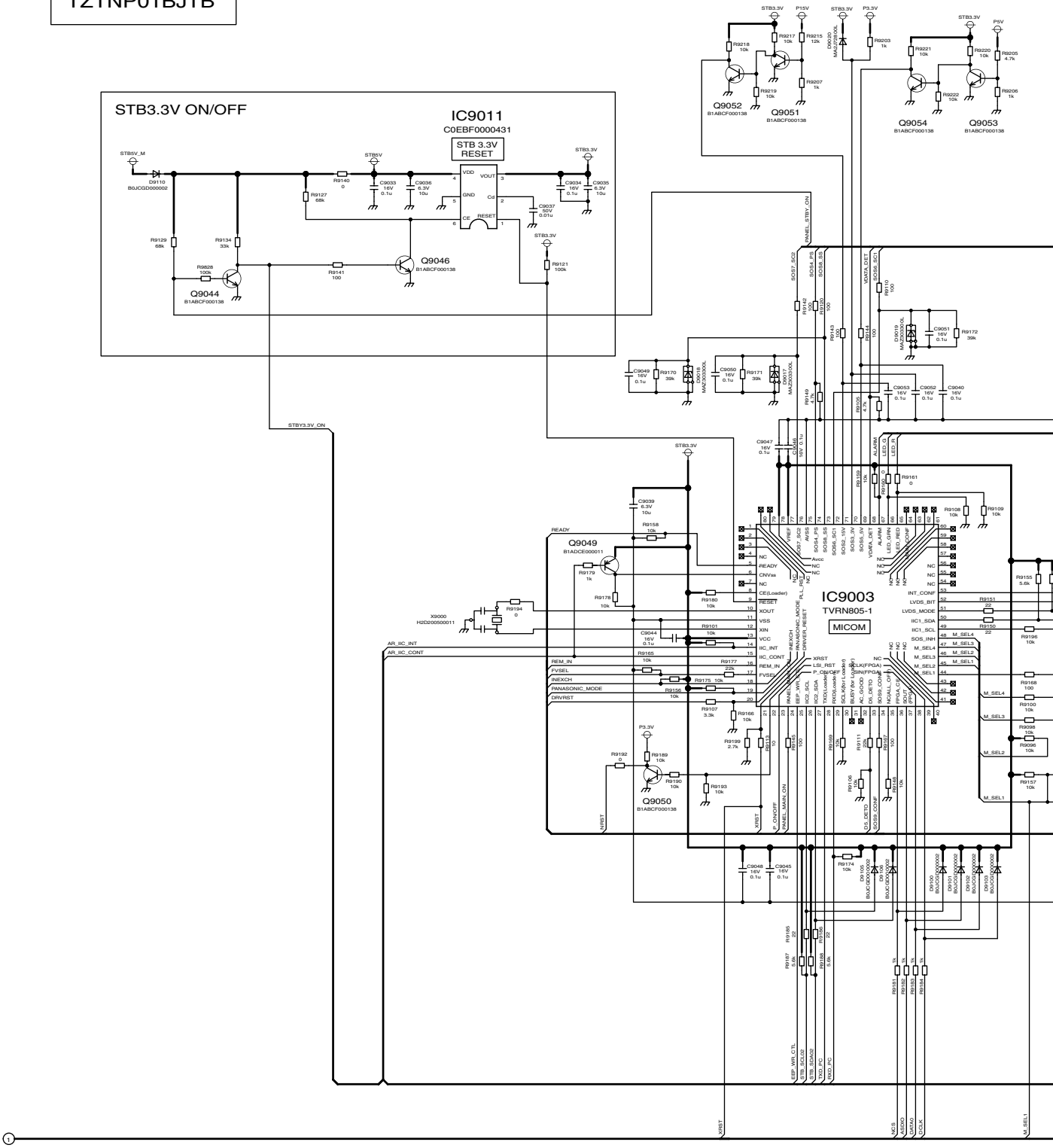
TH-42PV60A/H/M/MT D-Board (1 of 6) Schematic Diagram



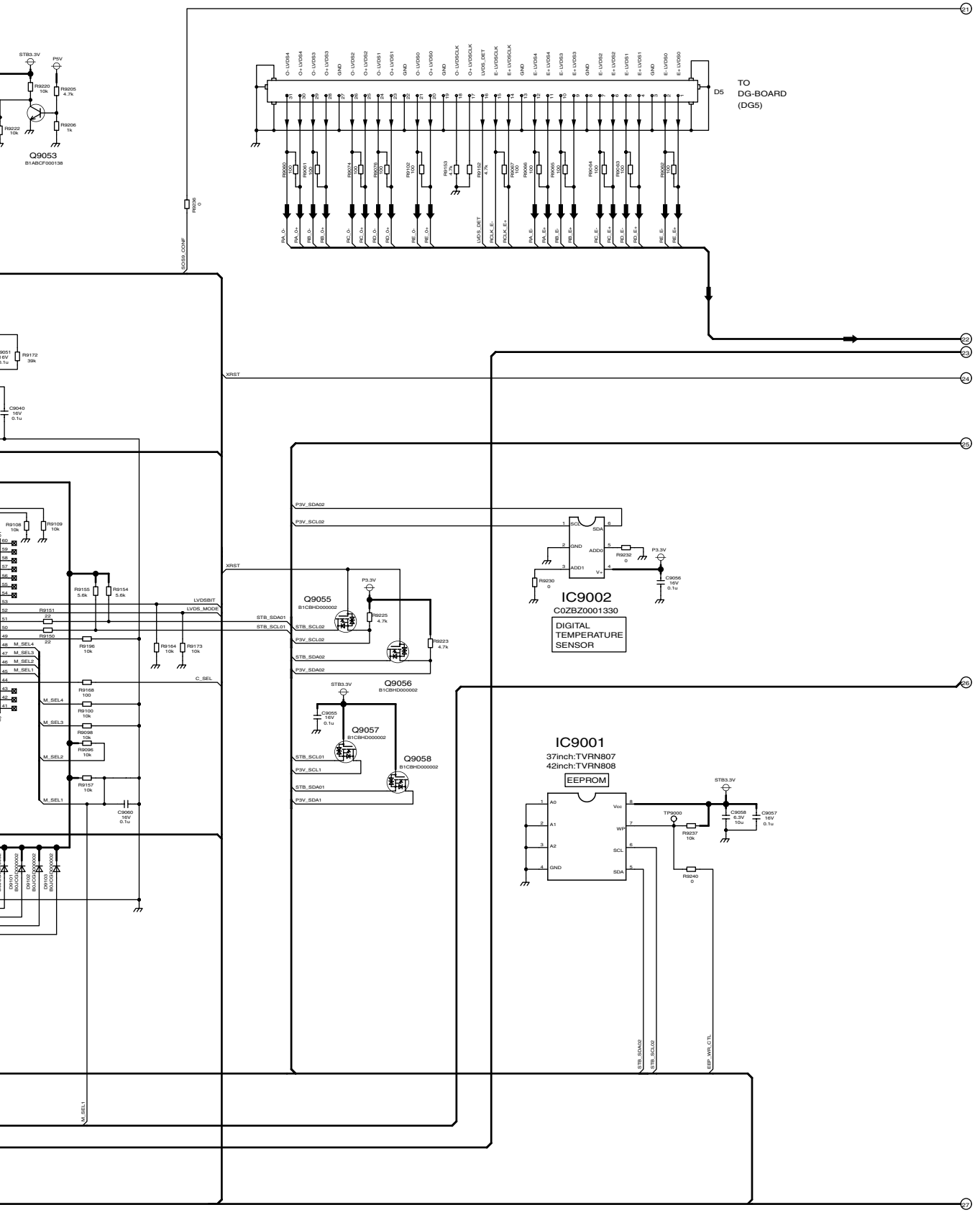
TH-42PV60A/H/M/MT
D-Board (1 of 6) Schematic Diagram

14.34. D-Board (2 of 6) Schematic Diagram

D-BOARD (2/6)
TZTNP01BJTB



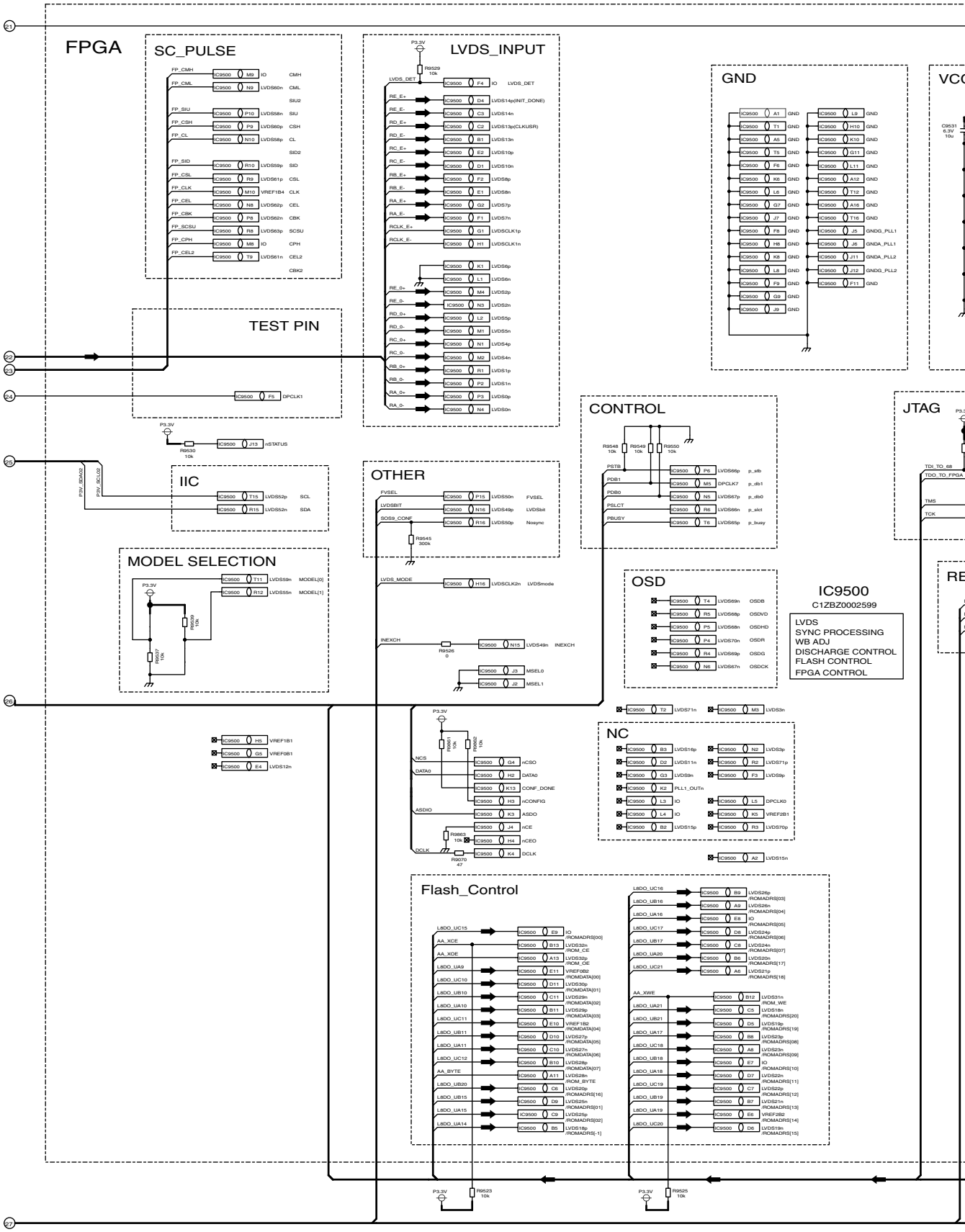
TH-42PV60A/H/M/MT
D-Board (2 of 6) Schematic Diagram



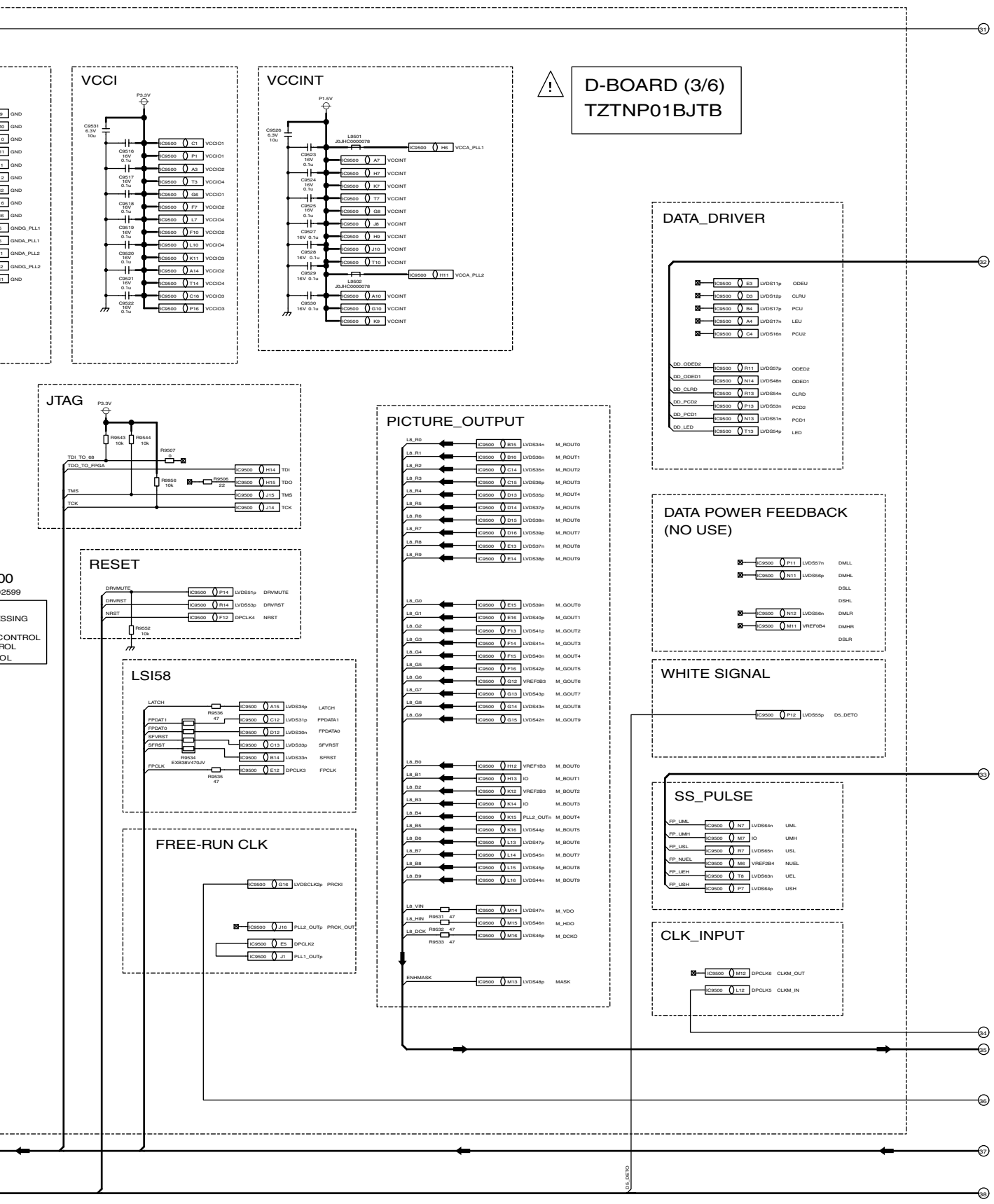
TH-42PV60A/H/M/MT
D-Board (2 of 6) Schematic Diagram

14	15	16	17	18

14.35. D-Board (3 of 6) Schematic Diagram

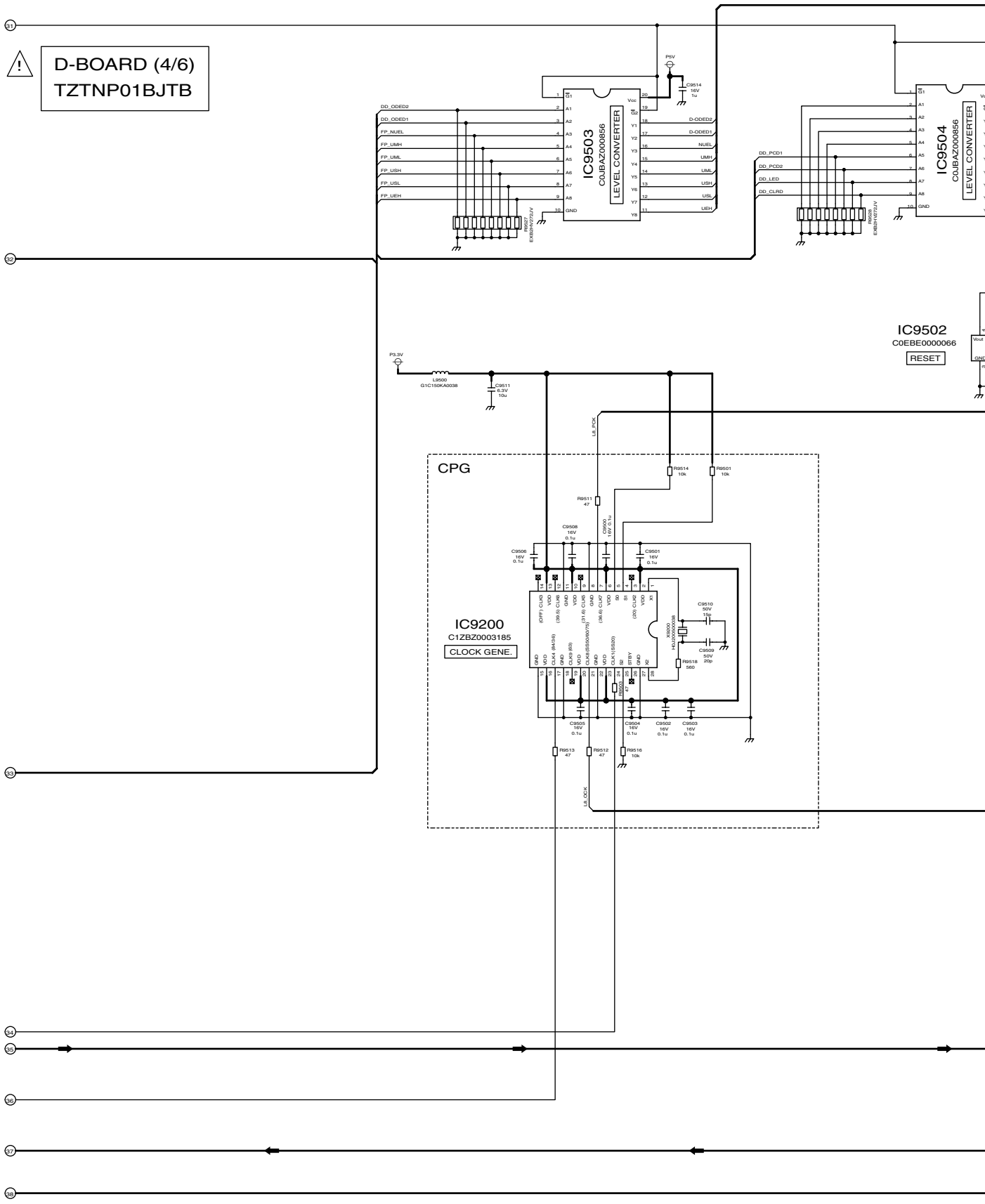


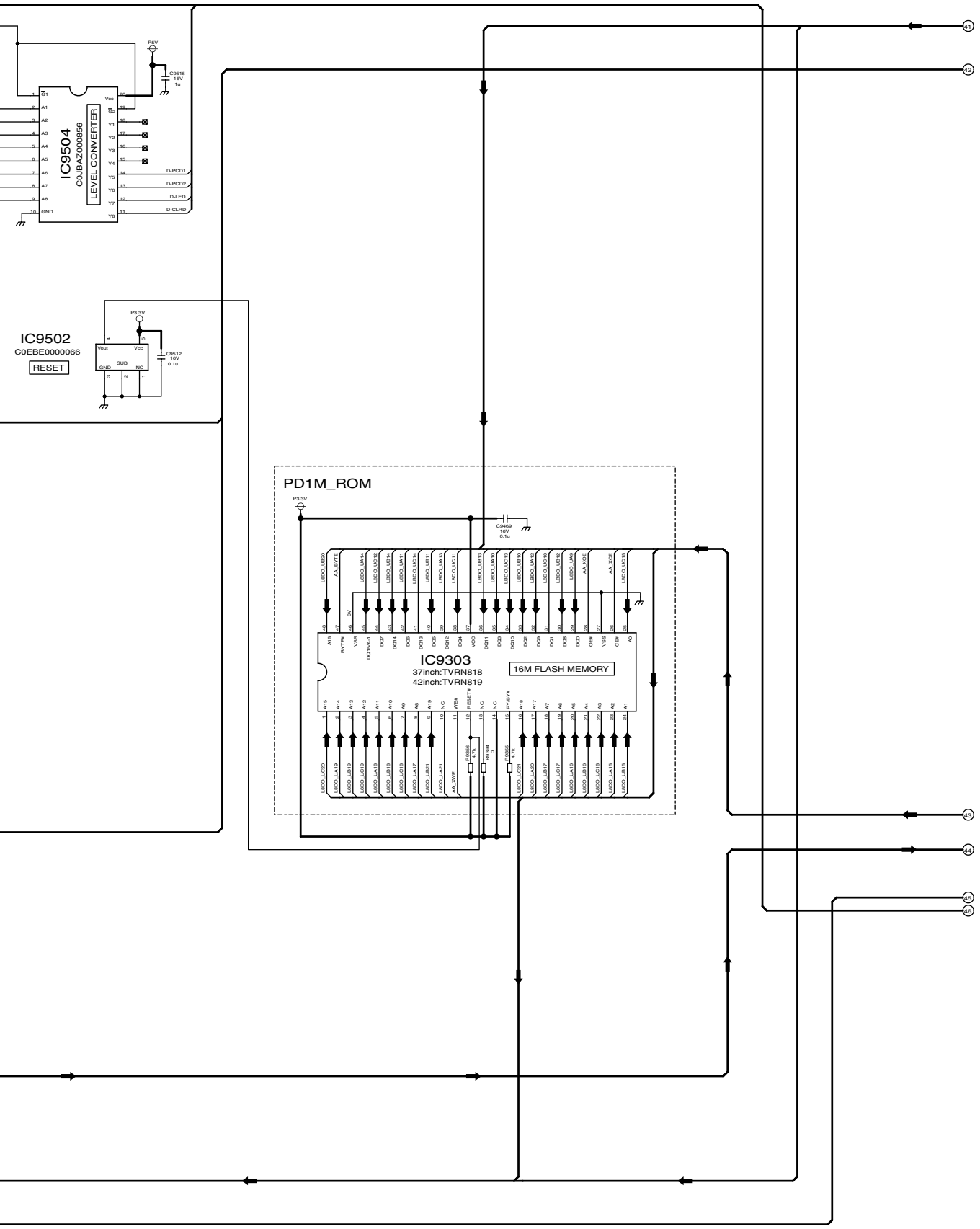
TH-42PV60A/H/M/MT
D-Board (3 of 6) Schematic Diagram



TH-42PV60A/H/M/MT
D-Board (3 of 6) Schematic Diagram

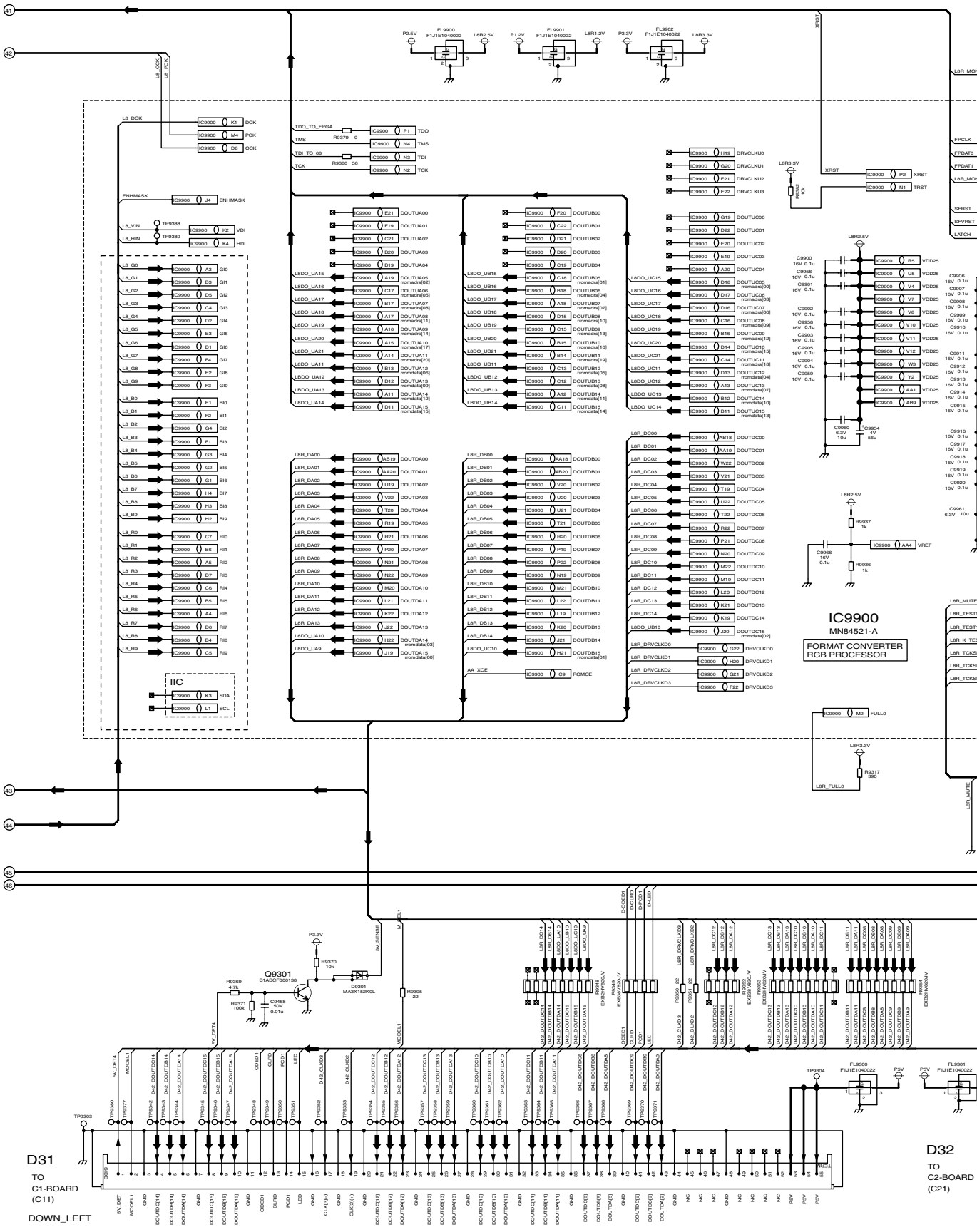
14.36. D-Board (4 of 6) Schematic Diagram





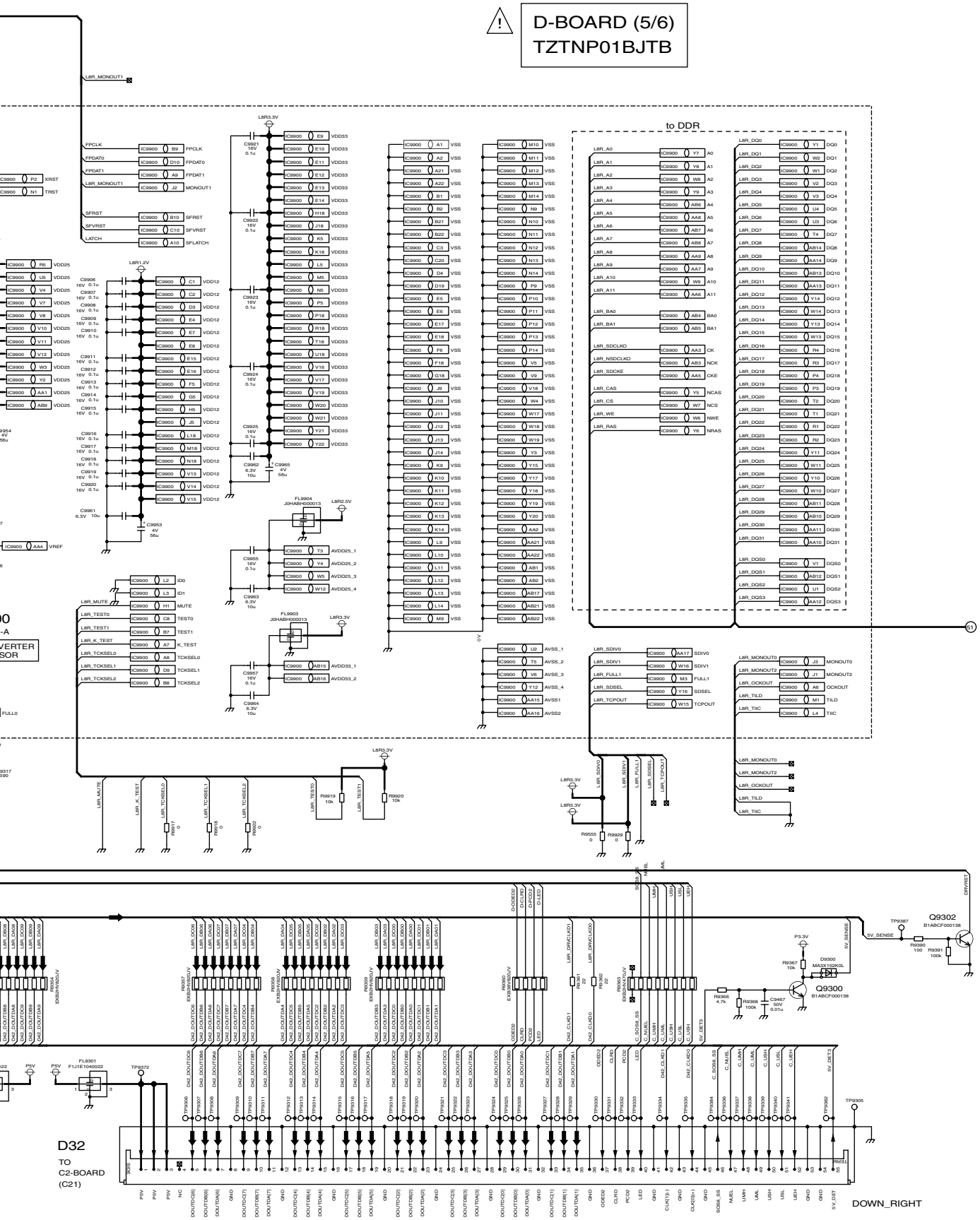
TH-42PV60A/H/M/MT
D-Board (4 of 6) Schematic Diagram

14.37. D-Board (5 of 6) Schematic Diagram



TH-42PV60A/H/M/MT D-Board (5 of 6) Schematic Diagram

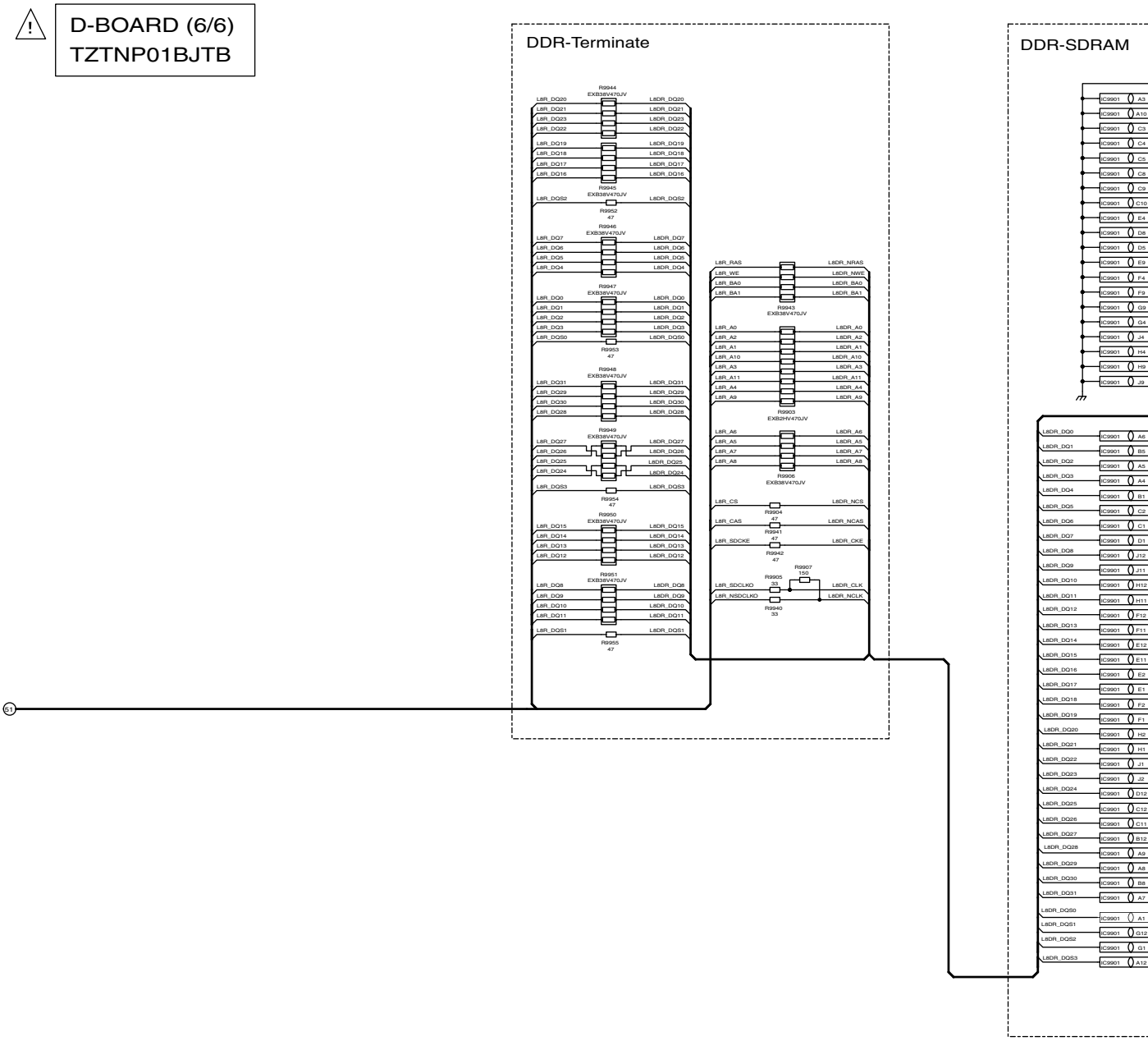
D-BOARD (5/6)
TZTNP01BJTB

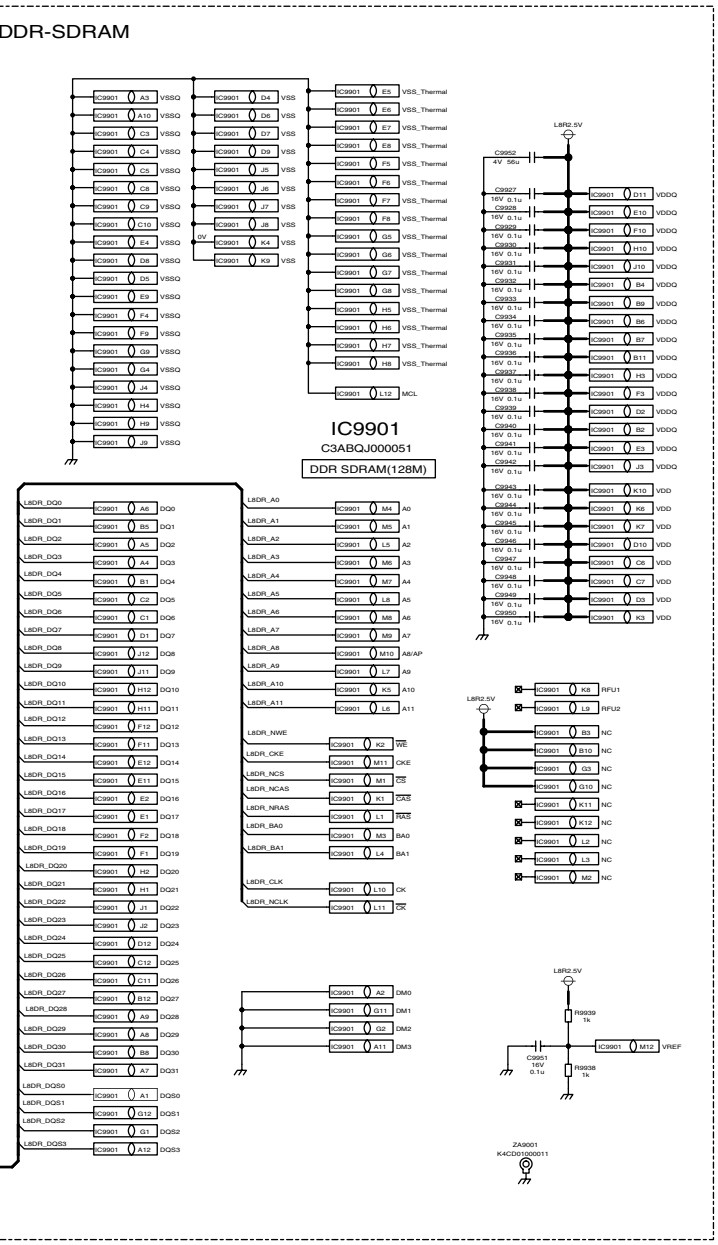


TH-42PV60A/H/M/MT D-Board (5 of 6) Schematic Diagram

14.38. D-Board (6 of 6) Schematic Diagram

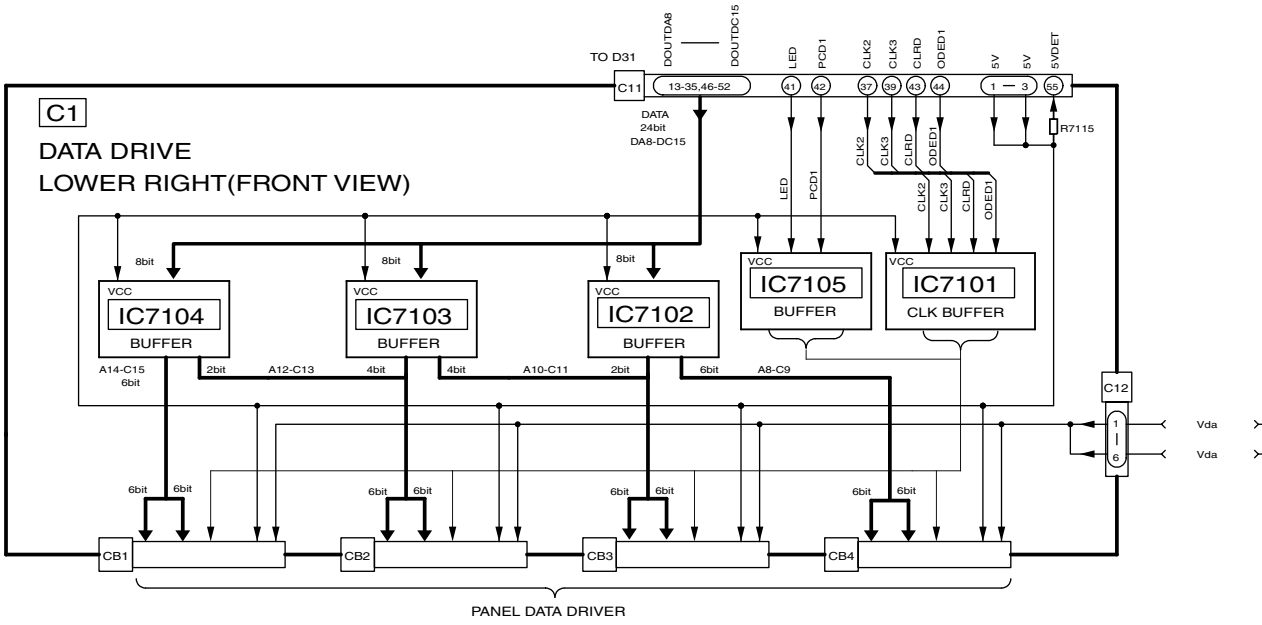
D-BOARD (6/6)
TZTNP01BJTB

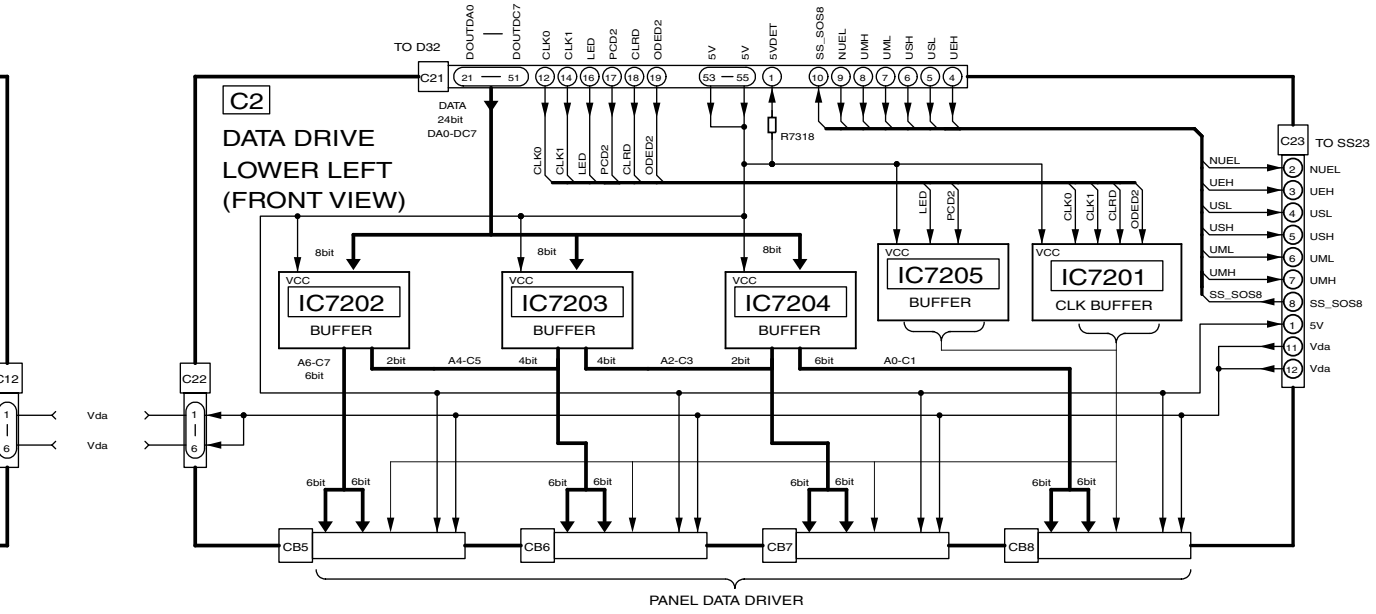




TH-42PV60A/H/M/MT
D-Board (6 of 6) Schematic Diagram

14.39. C1 and C2-Board Block Diagram

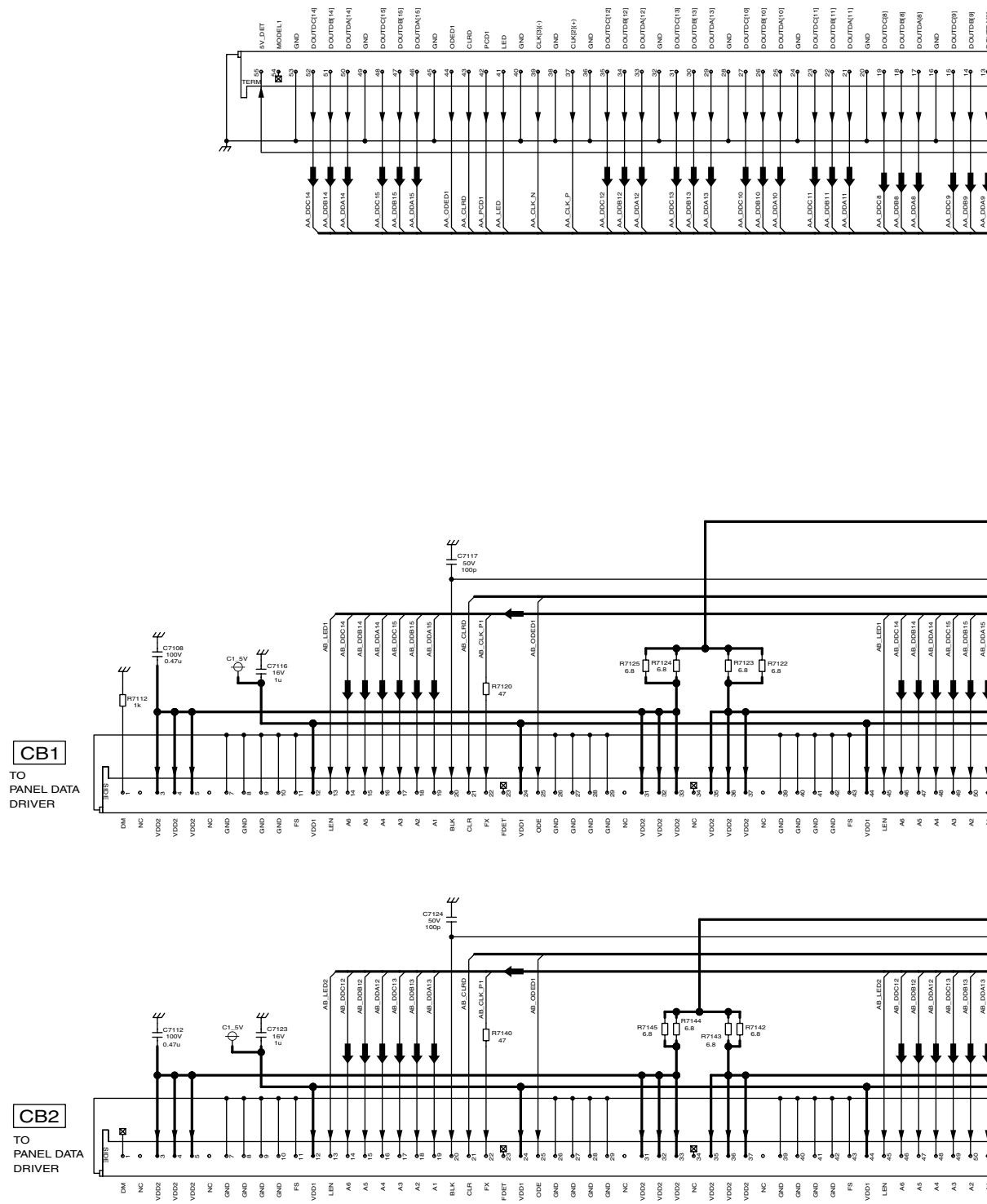




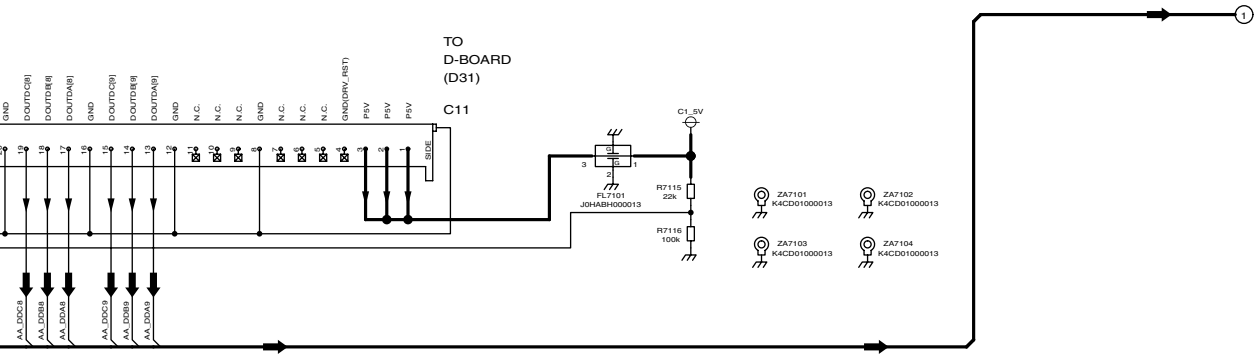
TH-42PV60A/H/M/MT
C1 and C2-Board Block Diagram

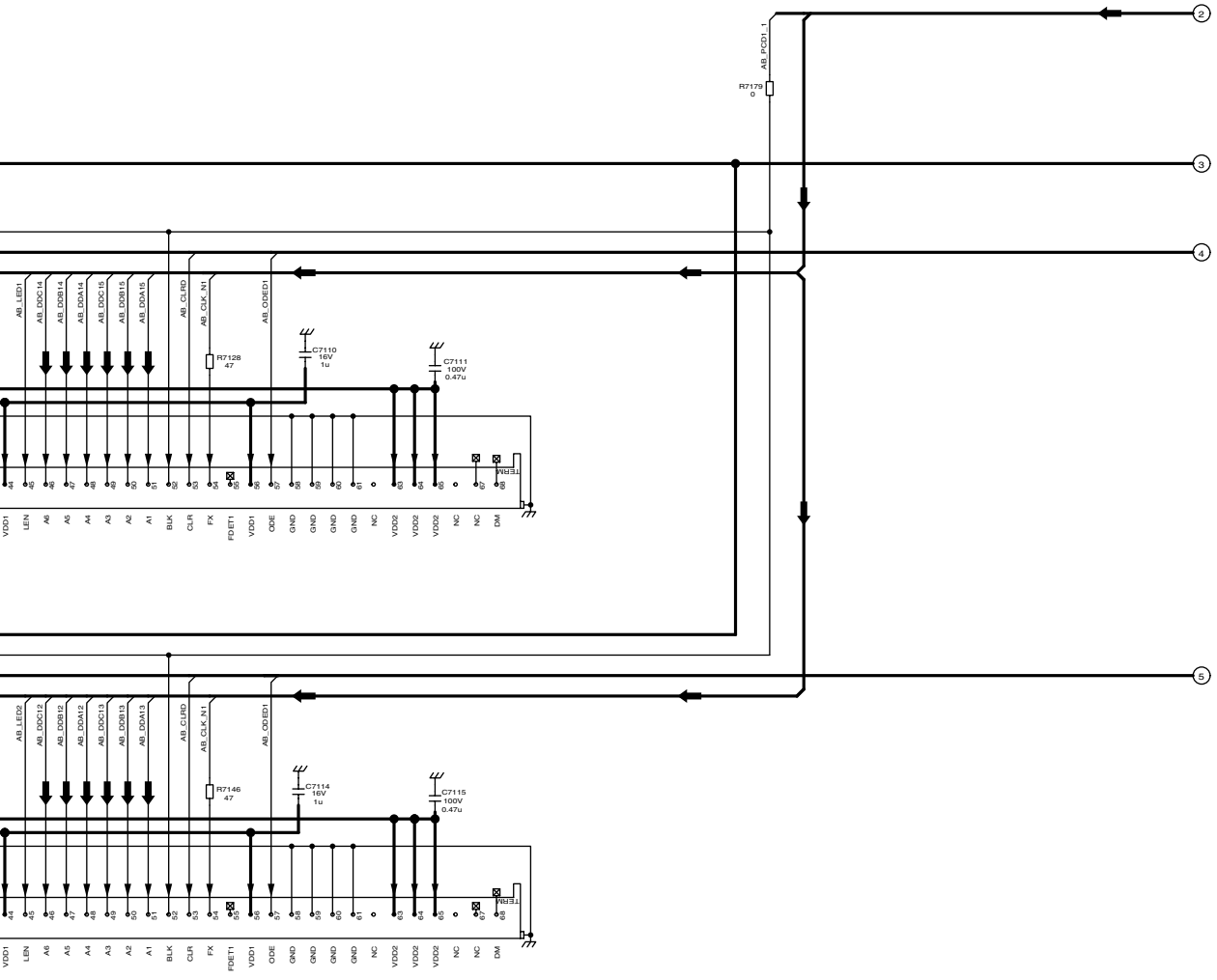
14.40. C1-Board (1 of 2) Schematic Diagram

C1-BOARD TNPA3812 (1/2)



TH-42PV60A/H/M/MT
C1-Board (1 of 2) Schematic Diagram

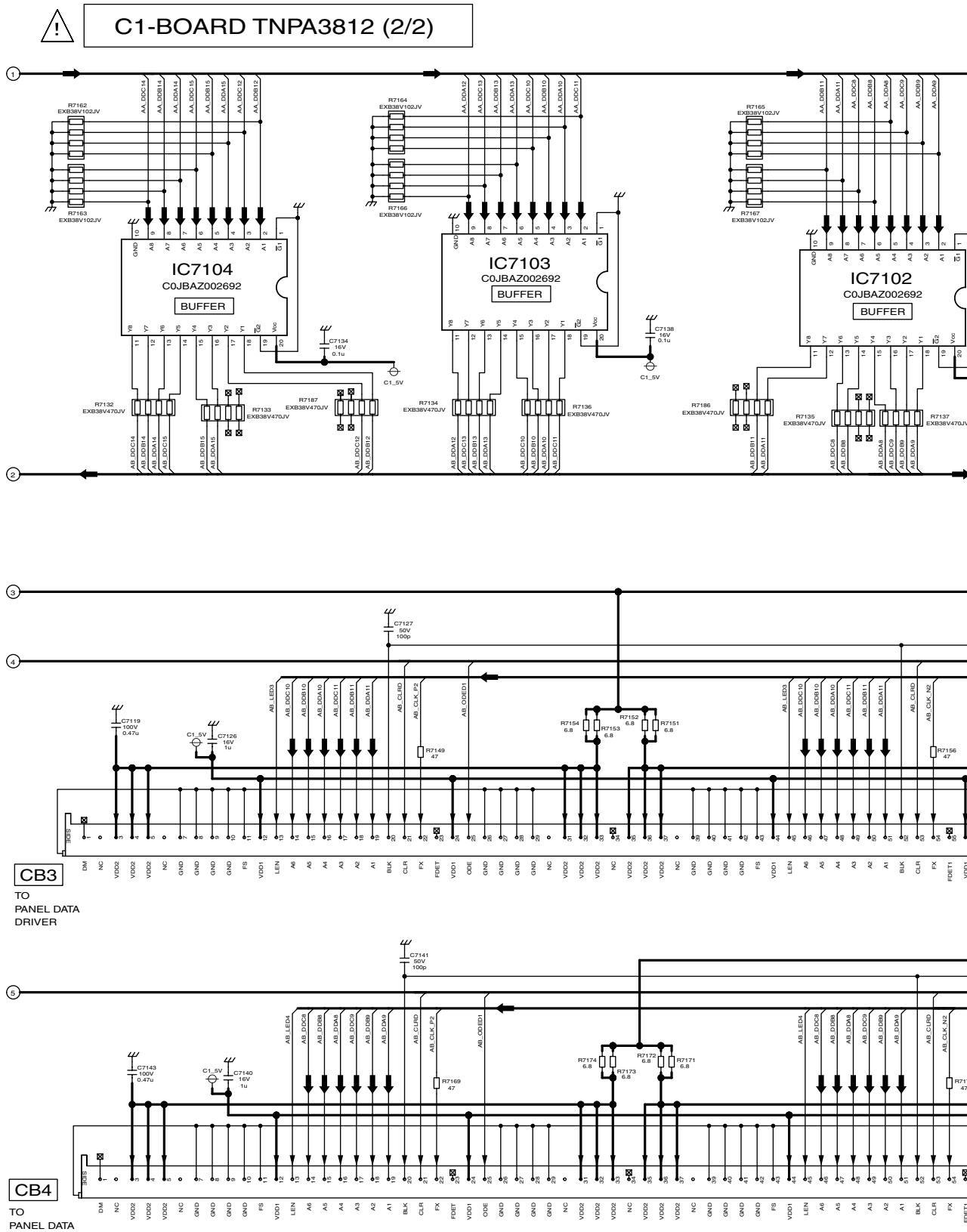




TH-42PV60A/H/M/MT
C1-Board (1 of 2) Schematic Diagram

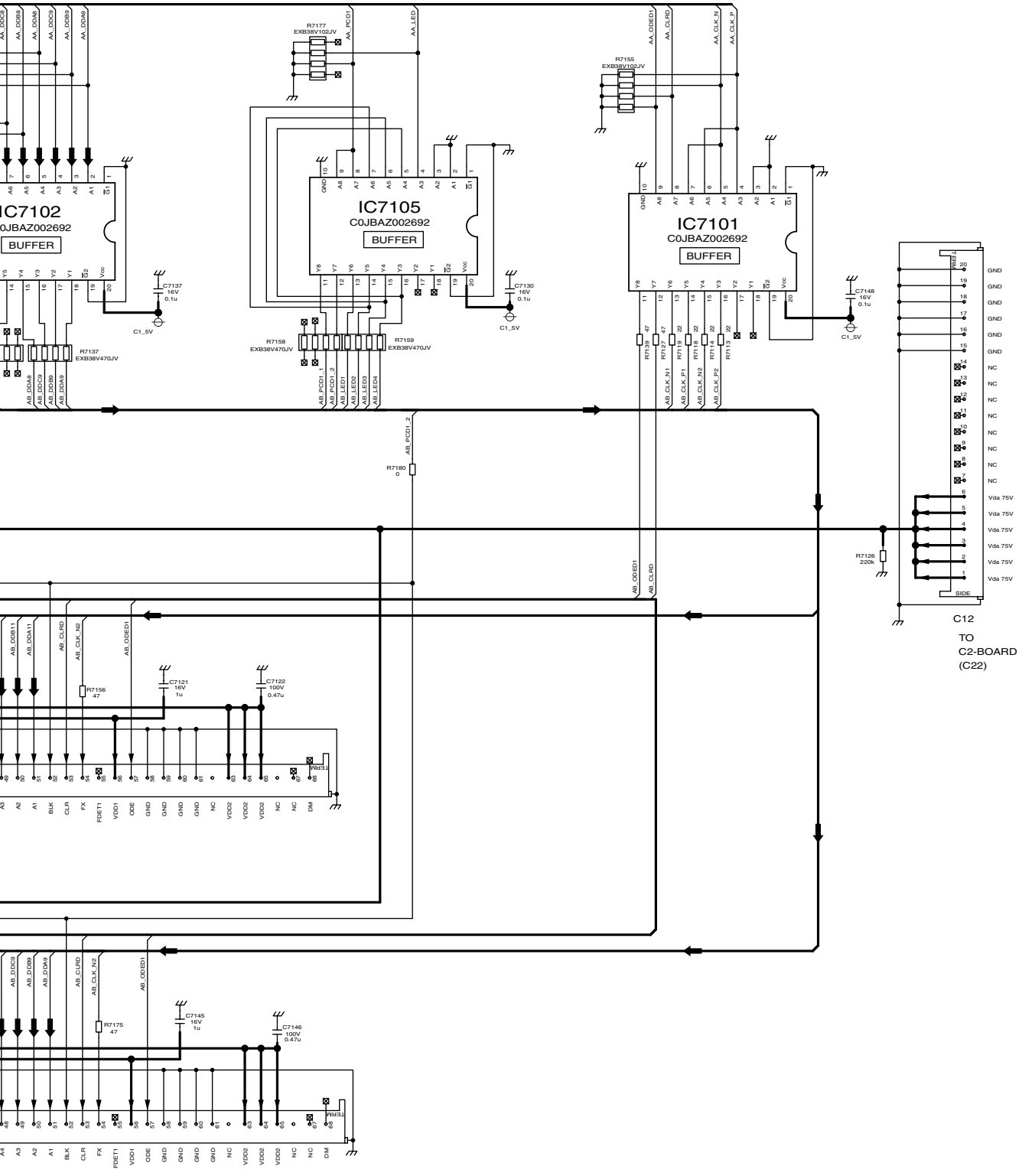
5 6 7 8

14.41. C1-Board (2 of 2) Schematic Diagram



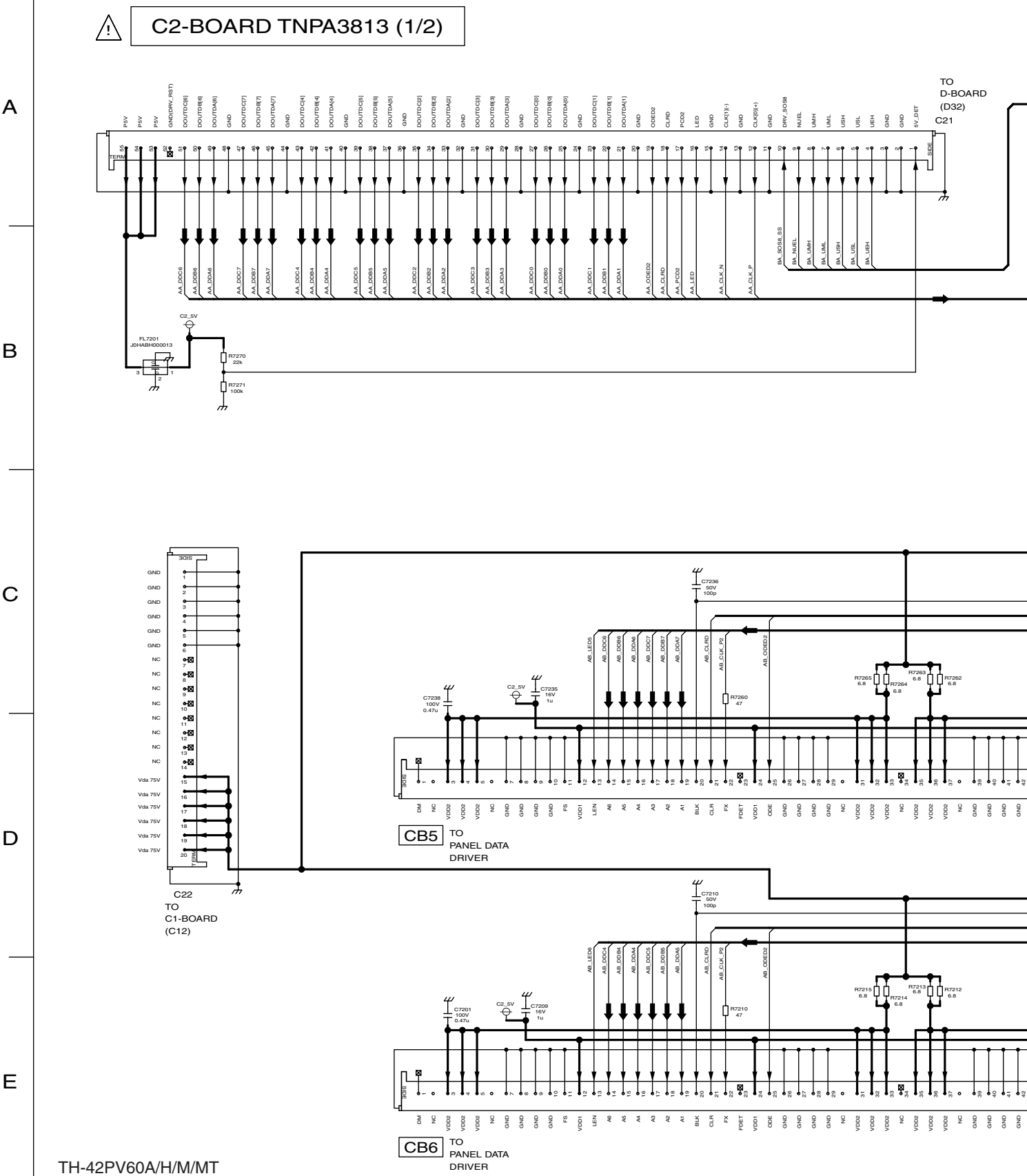
TH-42PV60A/H/M/MT
C1-Board (2 of 2) Schematic Diagram

8	9	10	11

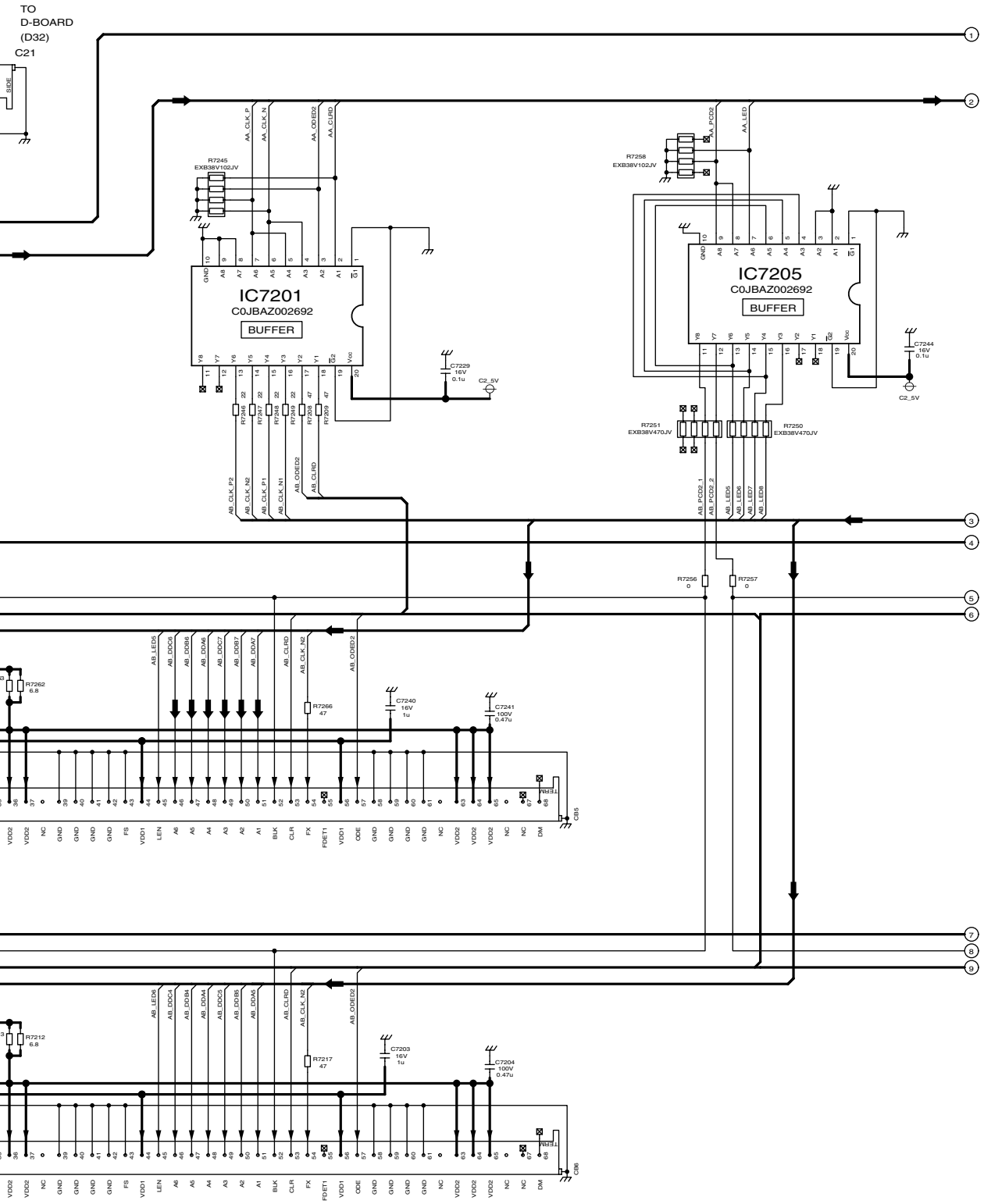


TH-42PV60A/H/M/MT
C1-Board (2 of 2) Schematic Diagram

14.42. C2-Board (1 of 2) Schematic Diagram



TH-42PV60A/H/M/MT
C2-Board (1 of 2) Schematic Diagram

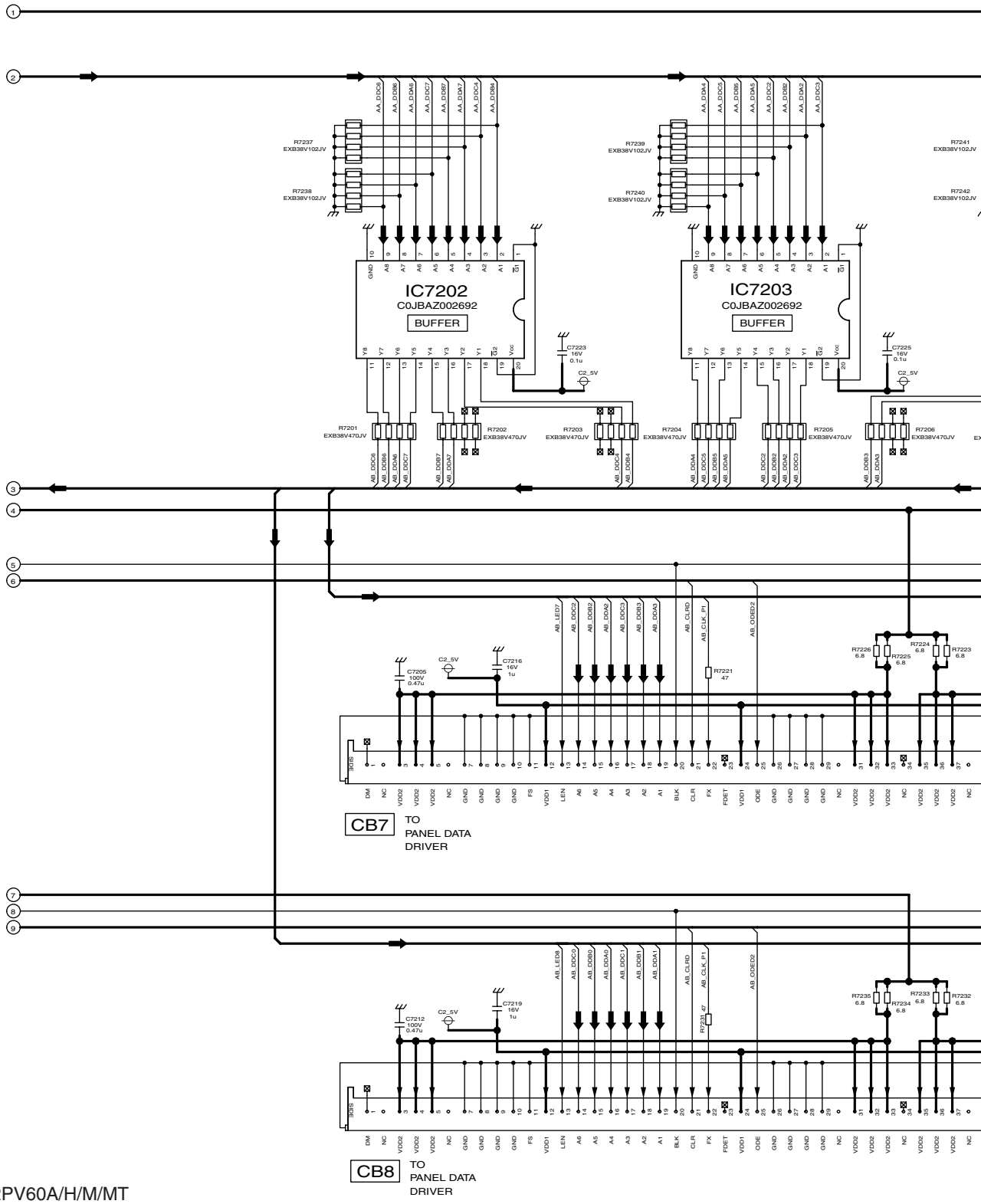


TH-42PV60A/H/M/MT
C2-Board (1 of 2) Schematic Diagram

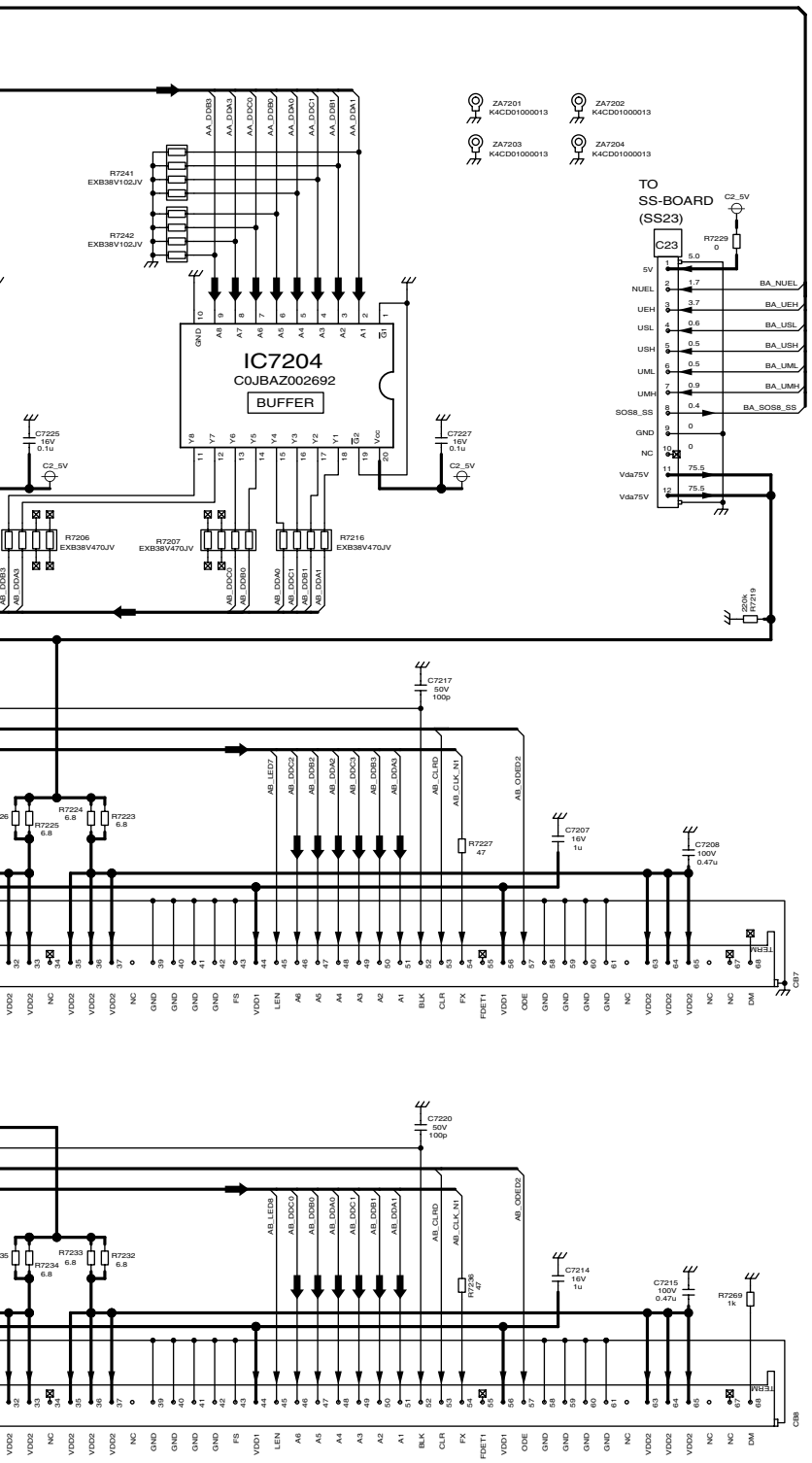
5 6 7 8

14.43. C2-Board (2 of 2) Schematic Diagram

C2-BOARD TNPA3813 (2/2)



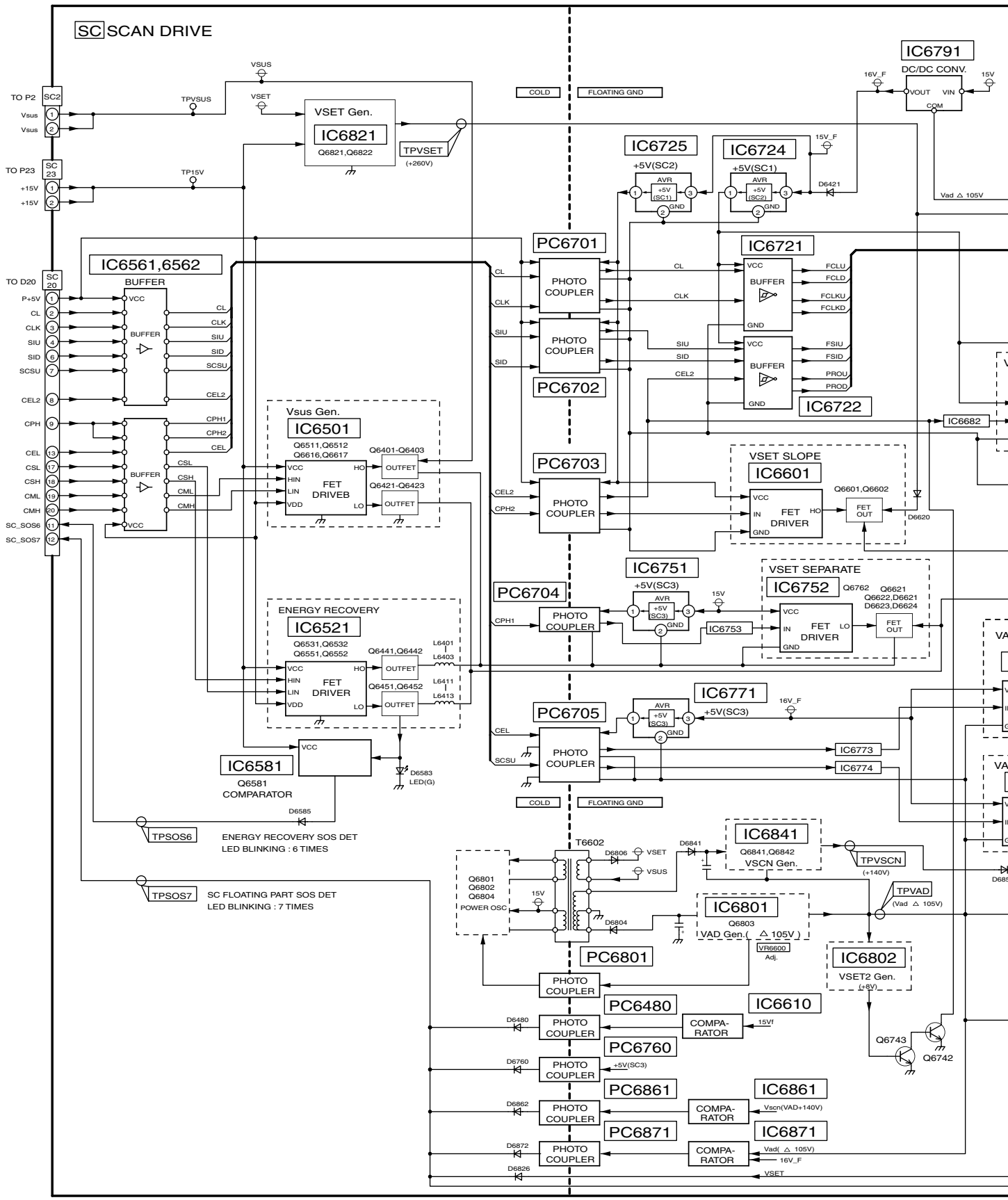
TH-42PV60A/H/M/MT
C2-Board (2 of 2) Schematic Diagram



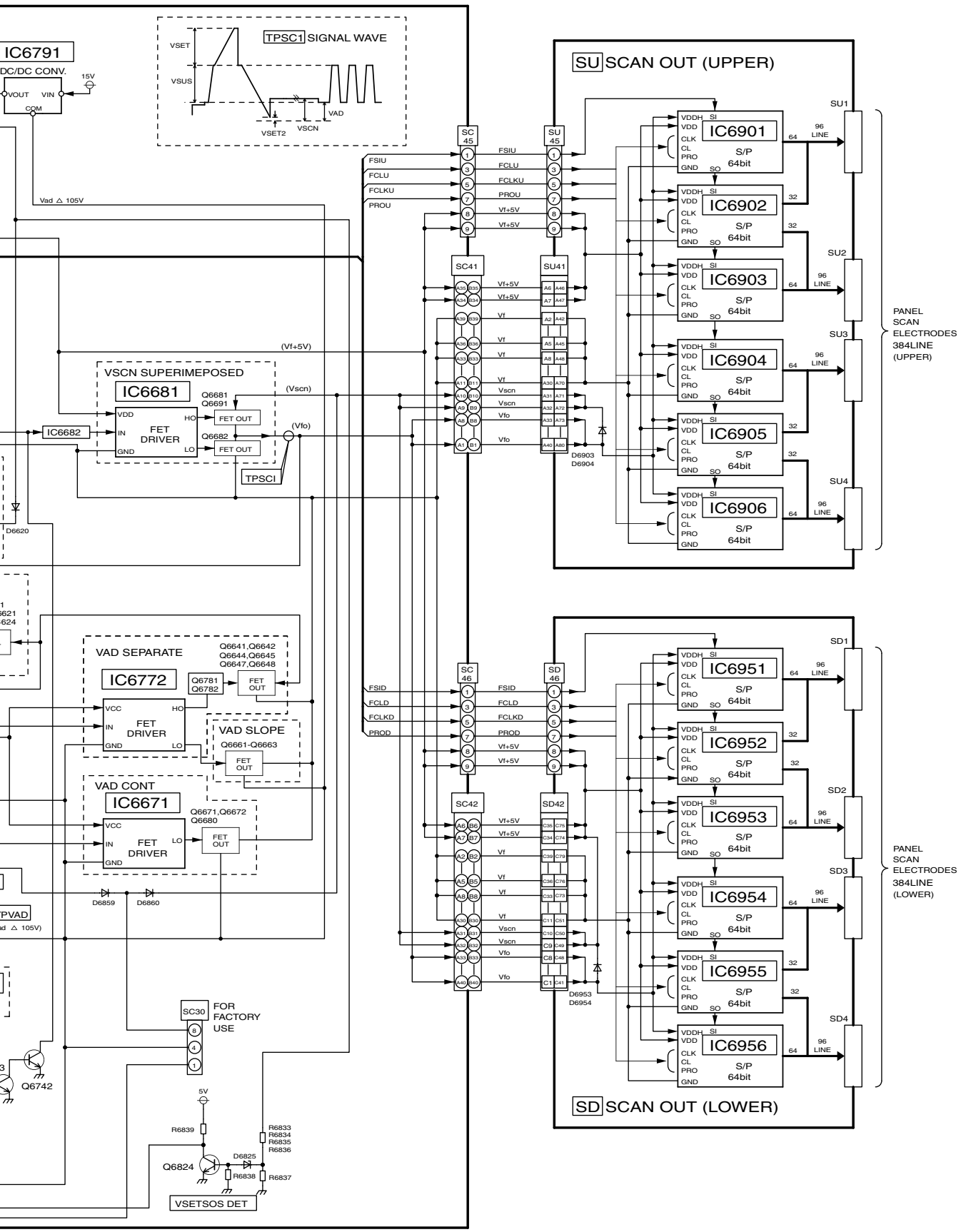
TH-42PV60A/H/M/MT
C2-Board (2 of 2) Schematic Diagram

12 13 14 15

14.44. SC, SU and SD-Board Block Diagram

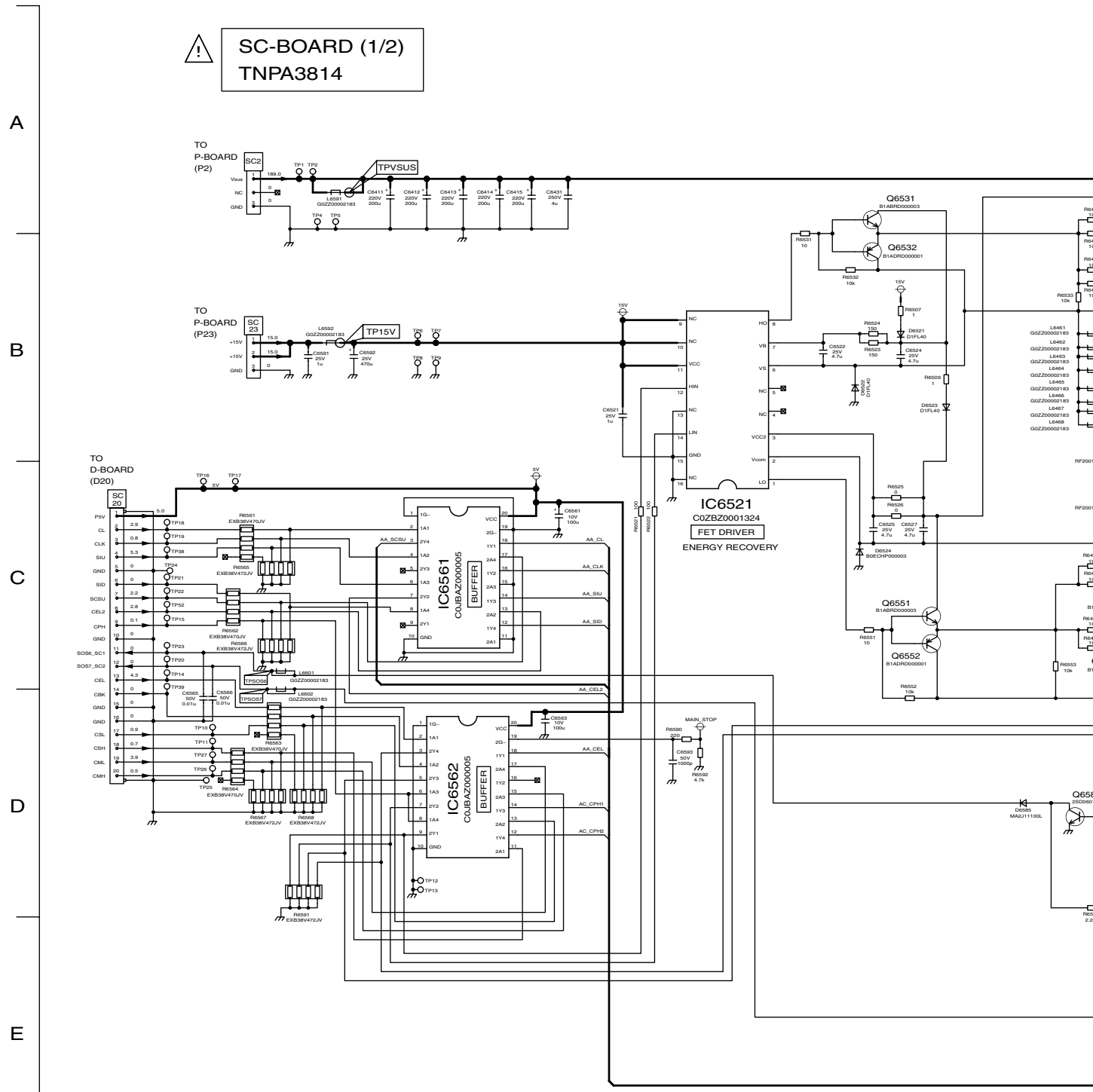


TH-42PV60A/H/M/MT
SC, SU and SD-Board Block Diagram

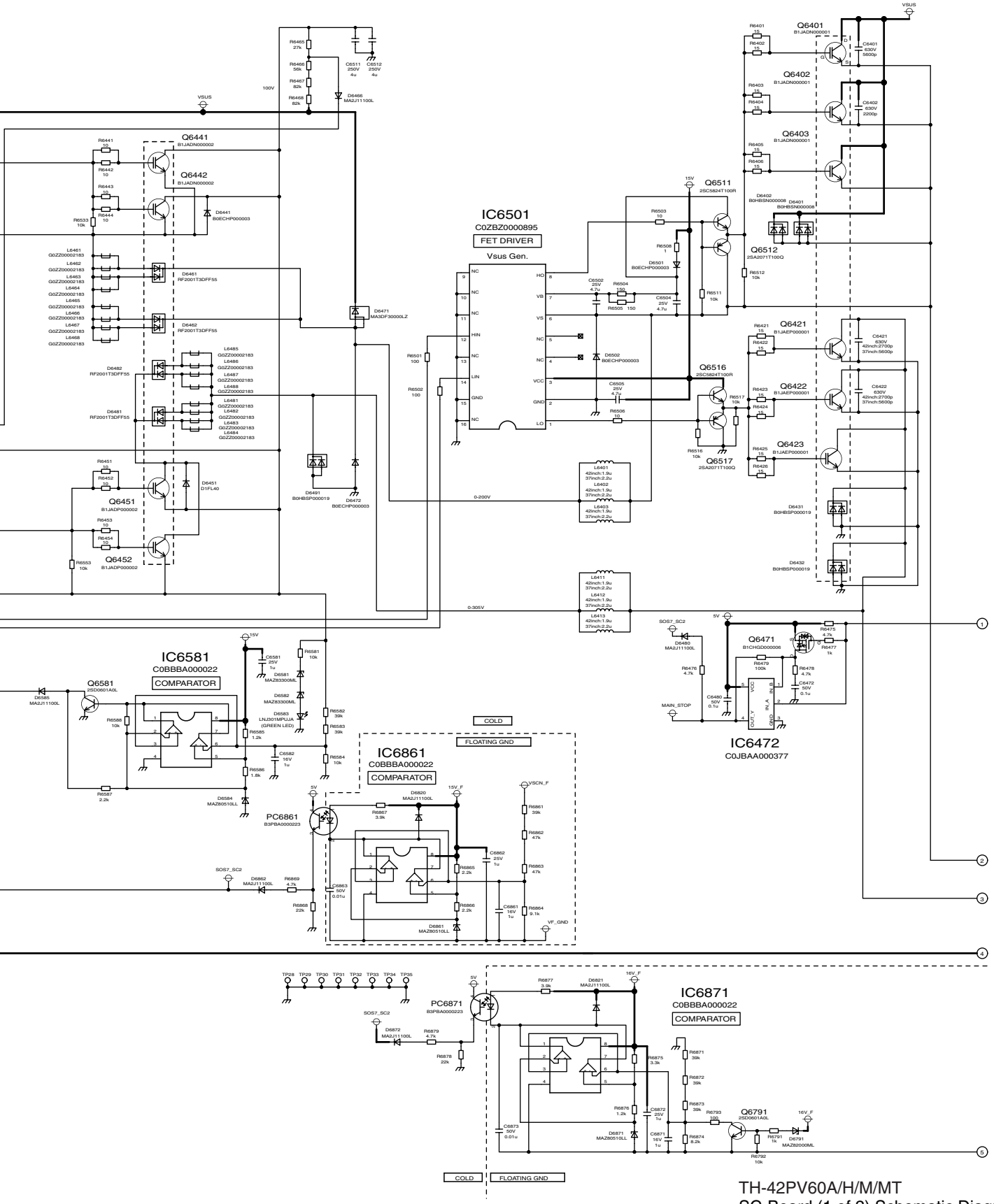


TH-42PV60A/H/M/MT
SC, SU and SD-Board Block Diagram

14.45. SC-Board (1 of 2) Schematic Diagram

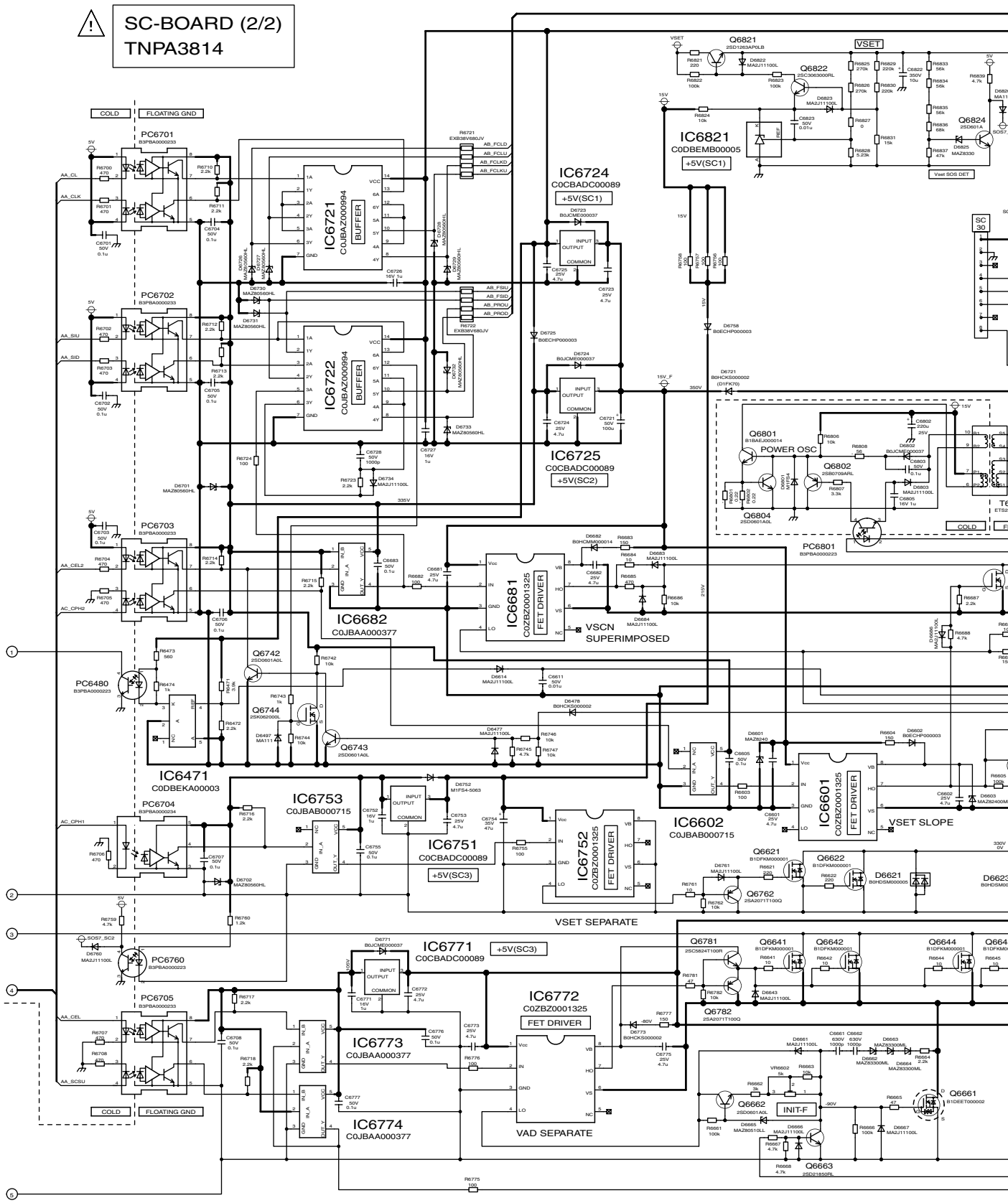


TH-42PV60A/H/M/MT
SC-Board (1 of 2) Schematic Diagram



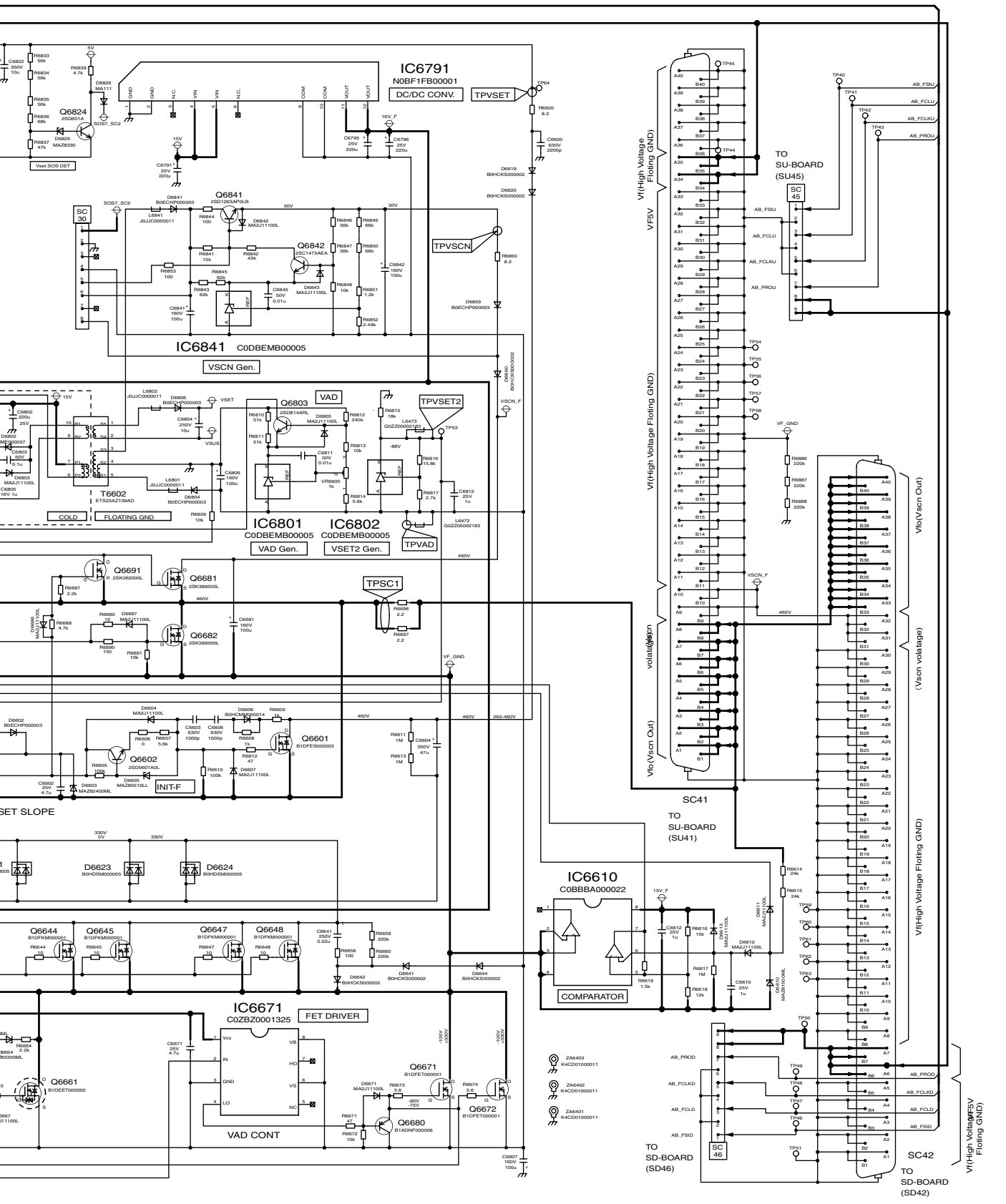
TH-42PV60A/H/M/MT
SC-Board (1 of 2) Schematic Diagram

14.46. SC-Board (2 of 2) Schematic Diagram



TH-42PV60A/H/M/MT
SC-Board (2 of 2) Schematic Diagram

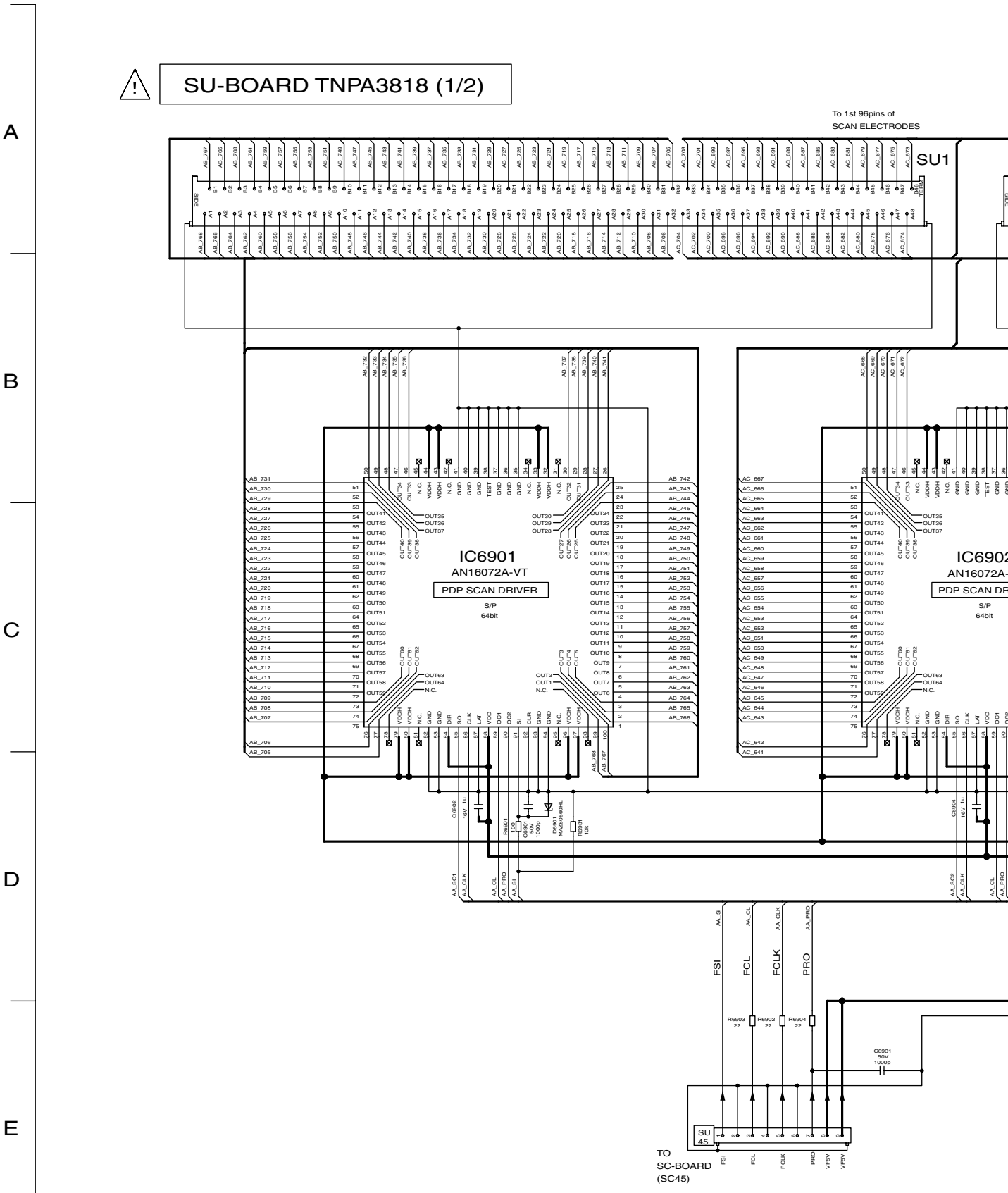
10	11	12	13	14



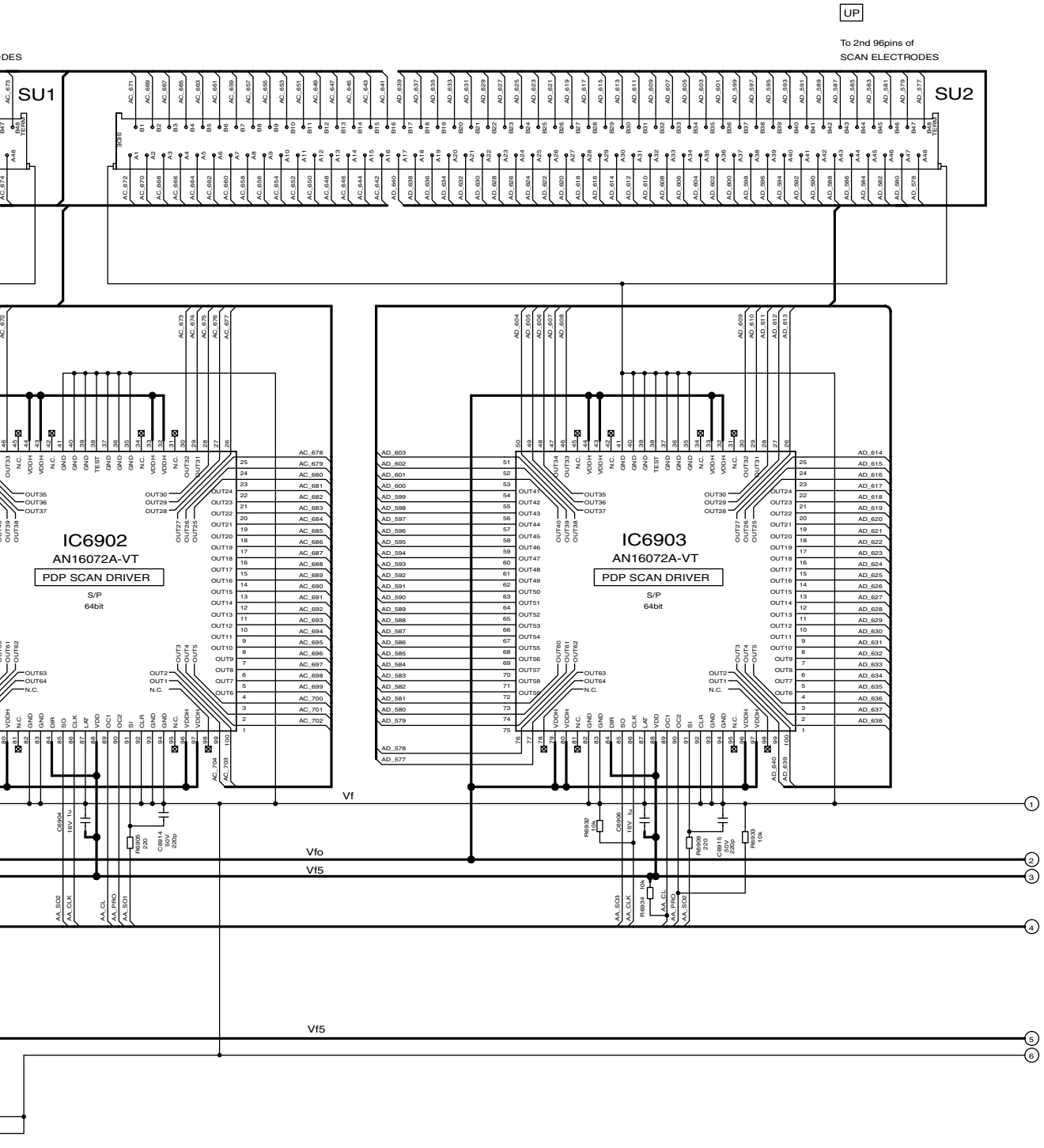
TH-42PV60A/H/M/MT
SC-Board (2 of 2) Schematic Diagram

14 15 16 17 18

14.47. SU-Board (1 of 2) Schematic Diagram

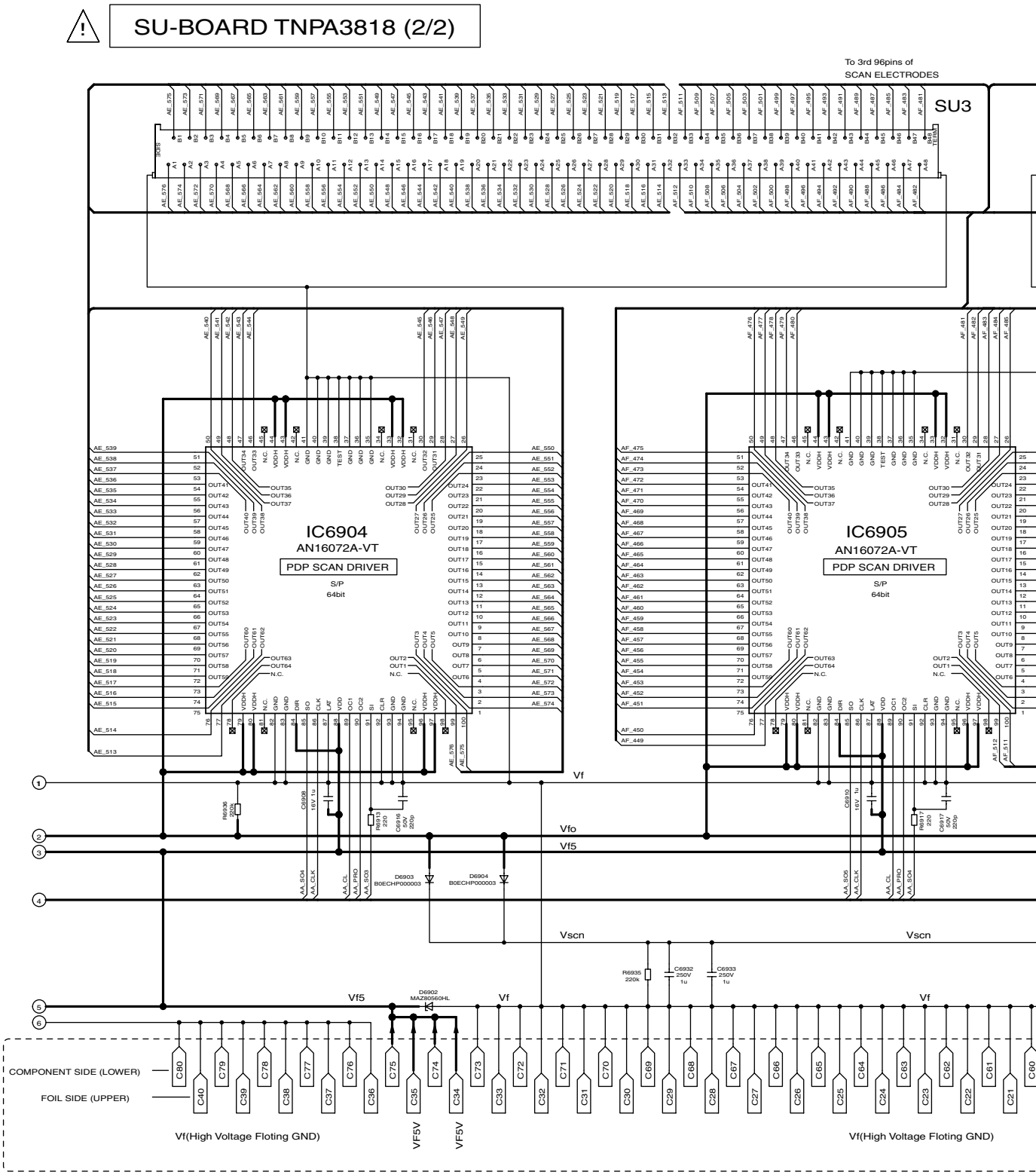


TH-42PV60A/H/M/MT
SU-Board (1 of 2) Schematic Diagram



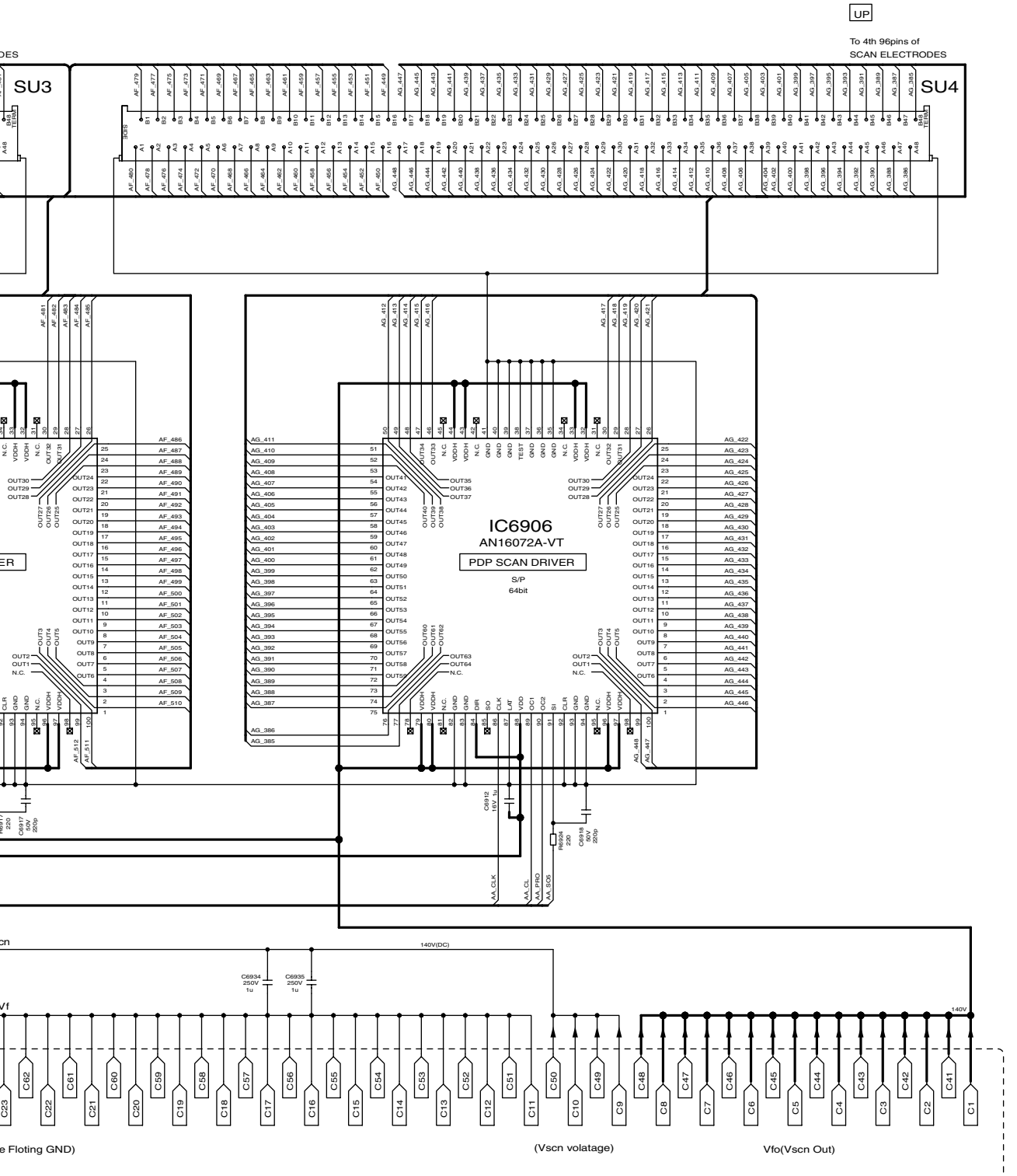
TH-42PV60A/H/M/MT
SU-Board (1 of 2) Schematic Diagram

14.48. SU-Board (2 of 2) Schematic Diagram



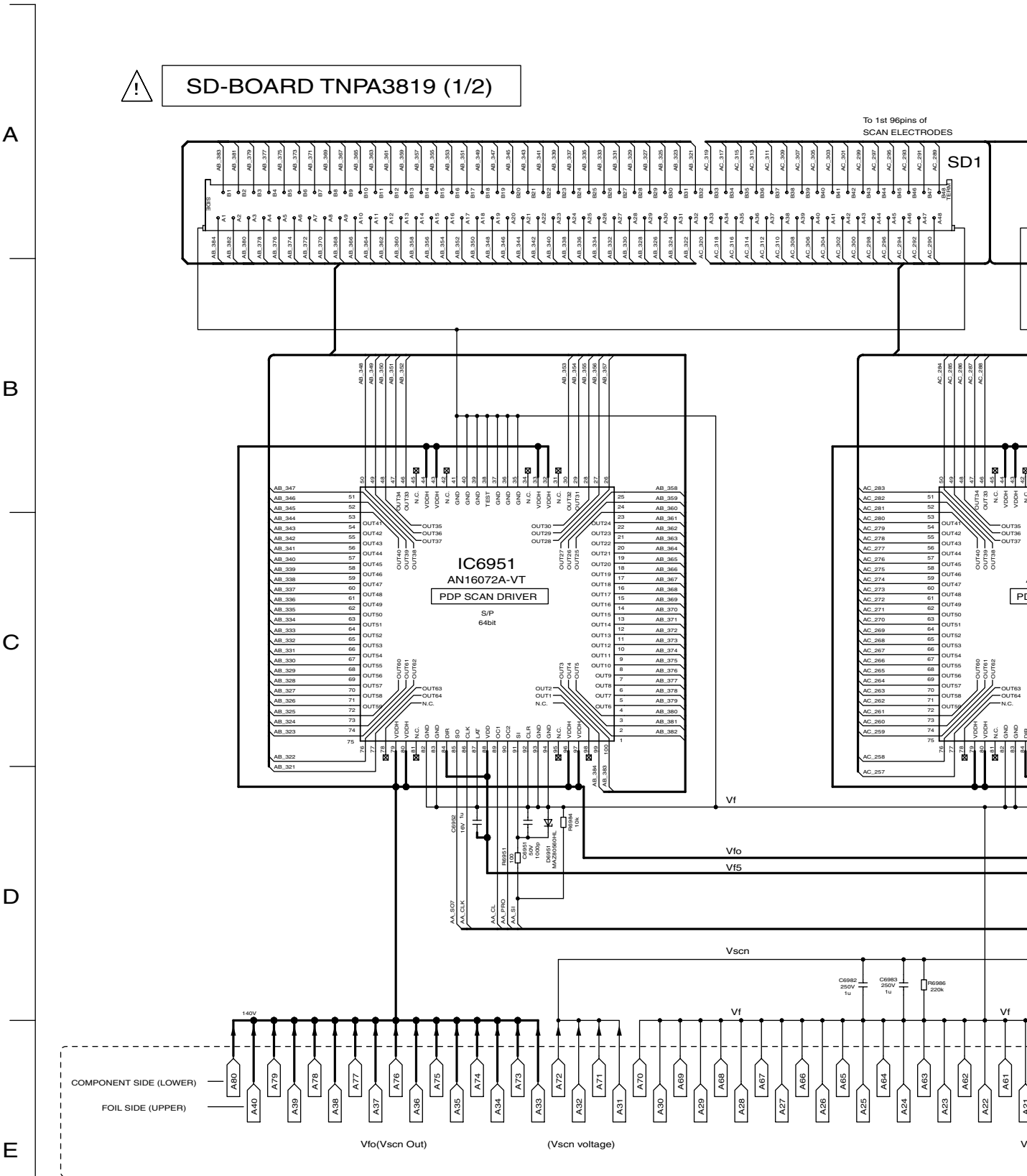
TH-42PV60A/H/M/MT
SU-Board (2 of 2) Schematic Diagram

8 | 9 | 10 | 11 | 12

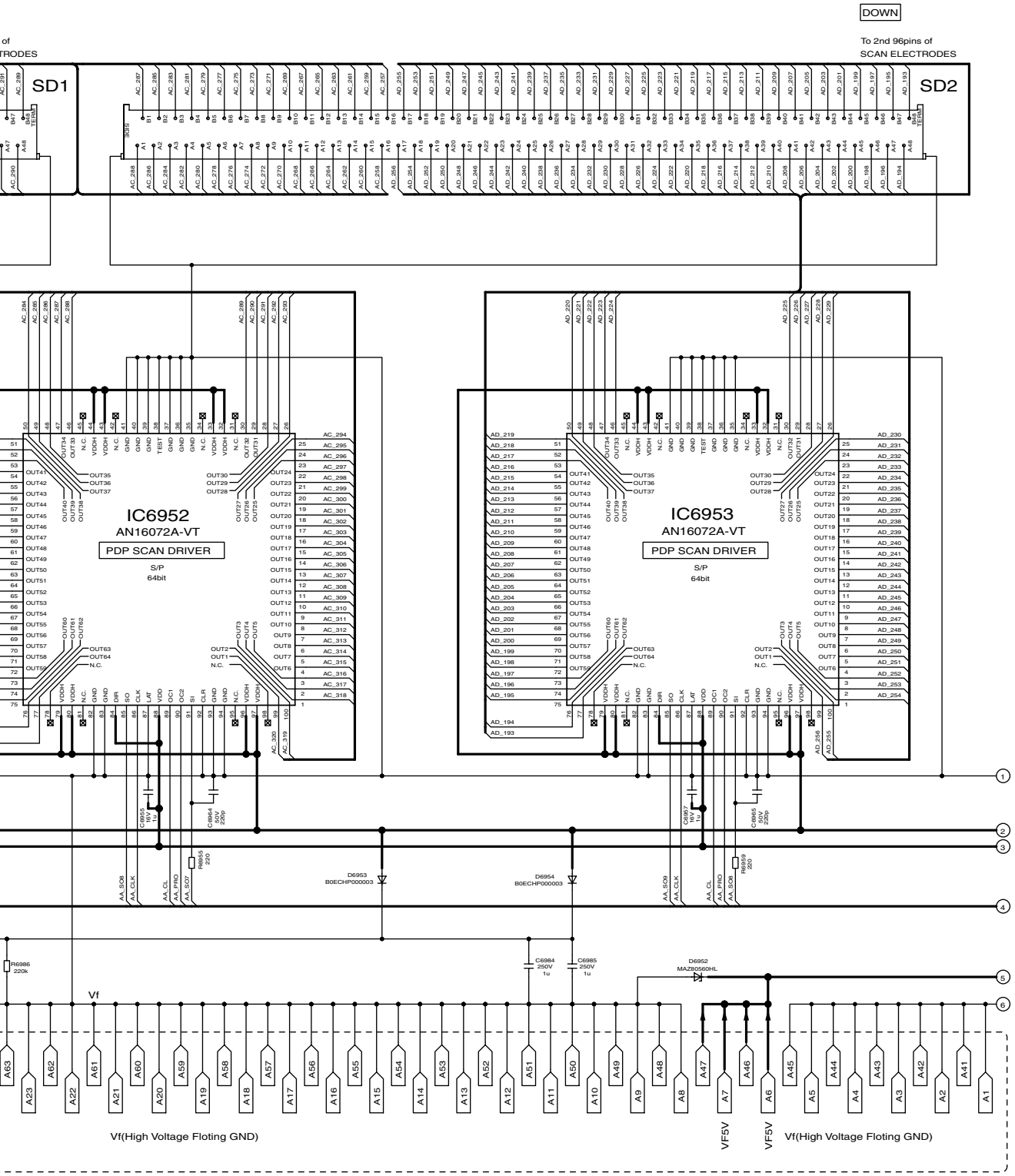


TH-42PV60A/H/M/MT
SU-Board (2 of 2) Schematic Diagram

14.49. SD-Board (1 of 2) Schematic Diagram

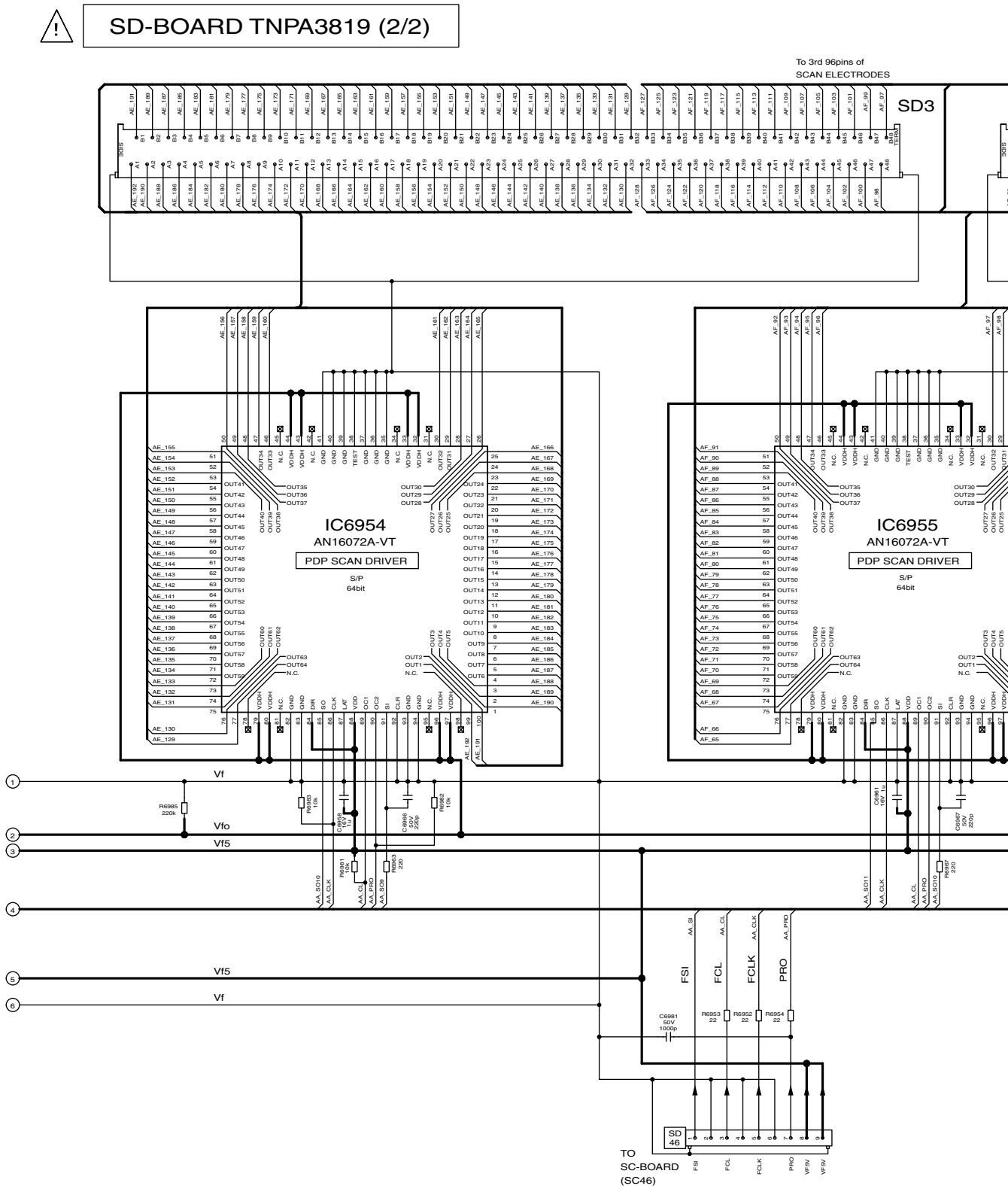


TH-42PV60A/H/M/MT
SD-Board (1 of 2) Schematic Diagram



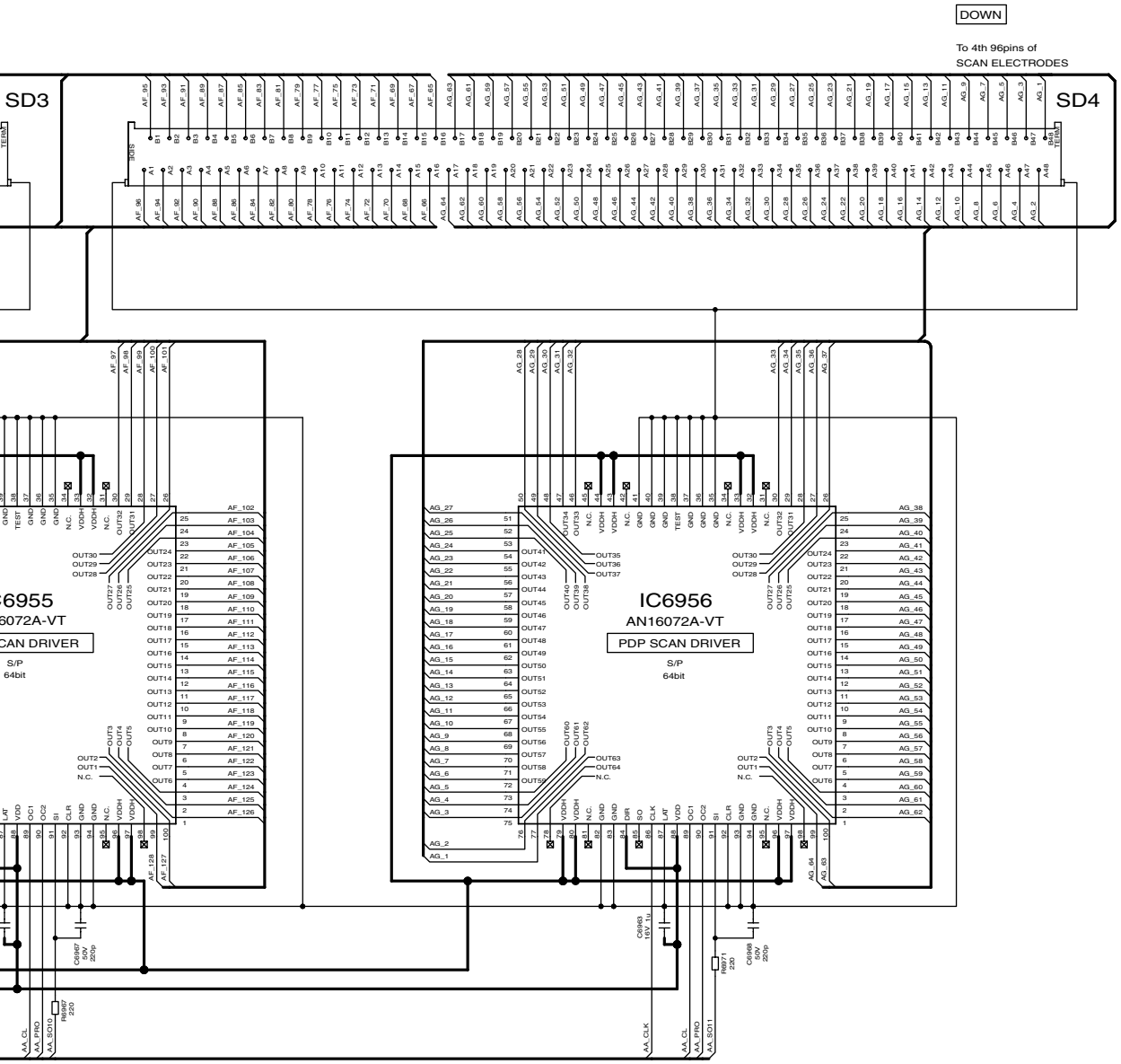
TH-42PV60A/H/M/MT
SD-Board (1 of 2) Schematic Diagram

14.50. SD-Board (2 of 2) Schematic Diagram



TH-42PV60A/H/M/MT
SD-Board (2 of 2) Schematic Diagram

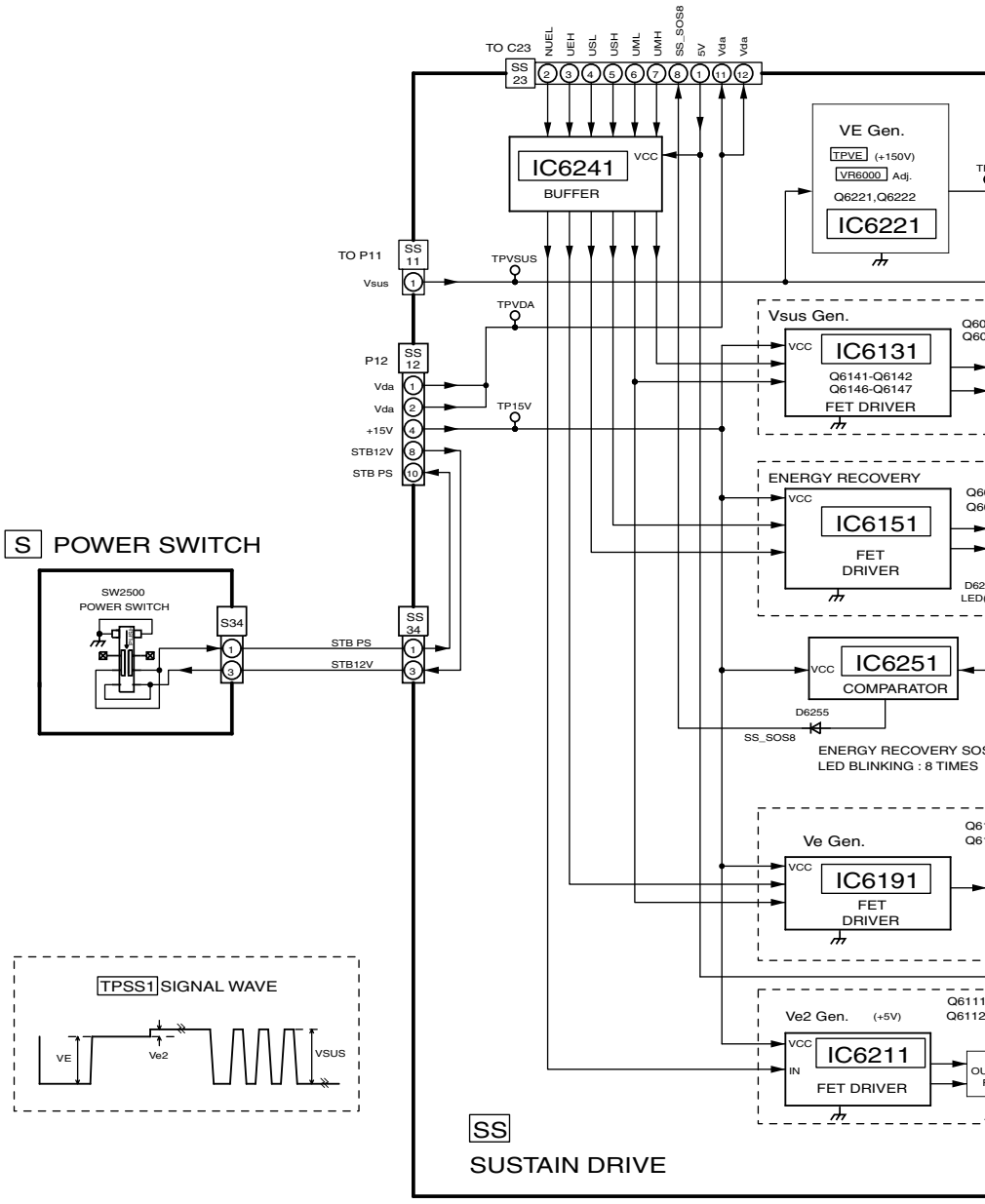
8 | 9 | 10 | 11 | 12

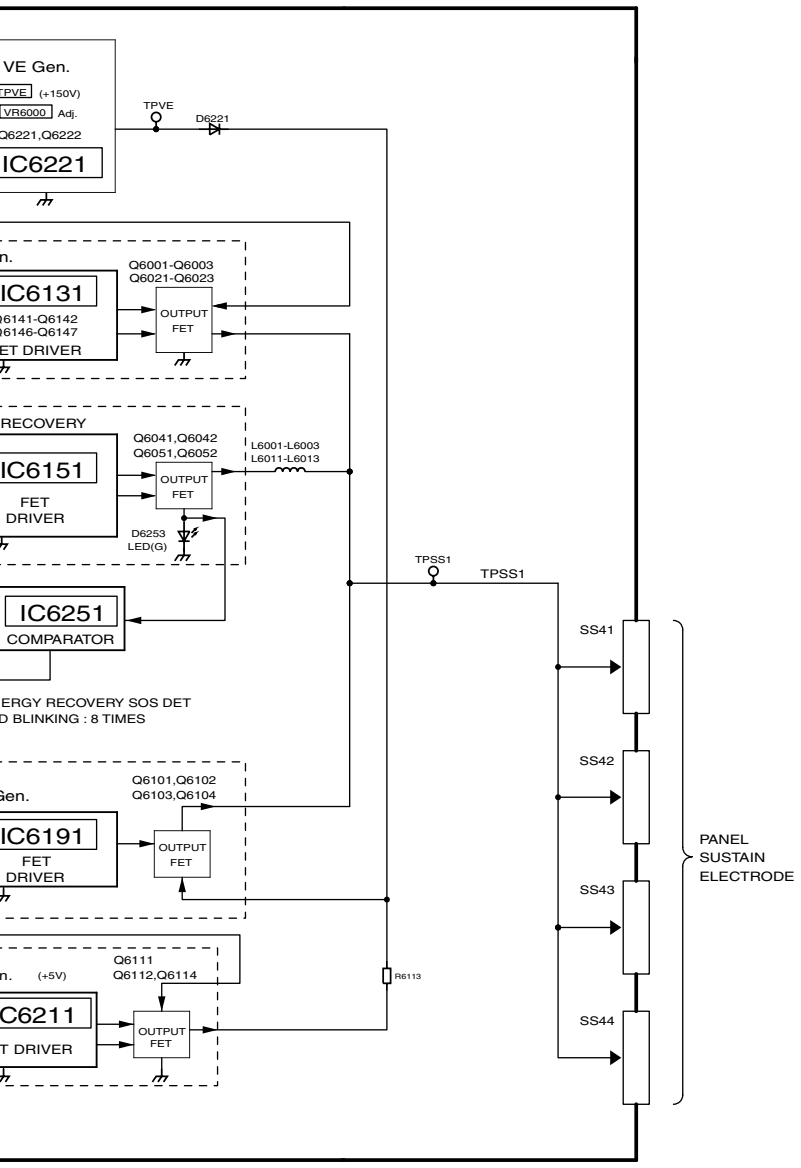


TH-42PV60A/H/M/MT
SD-Board (2 of 2) Schematic Diagram

12 13 14 15

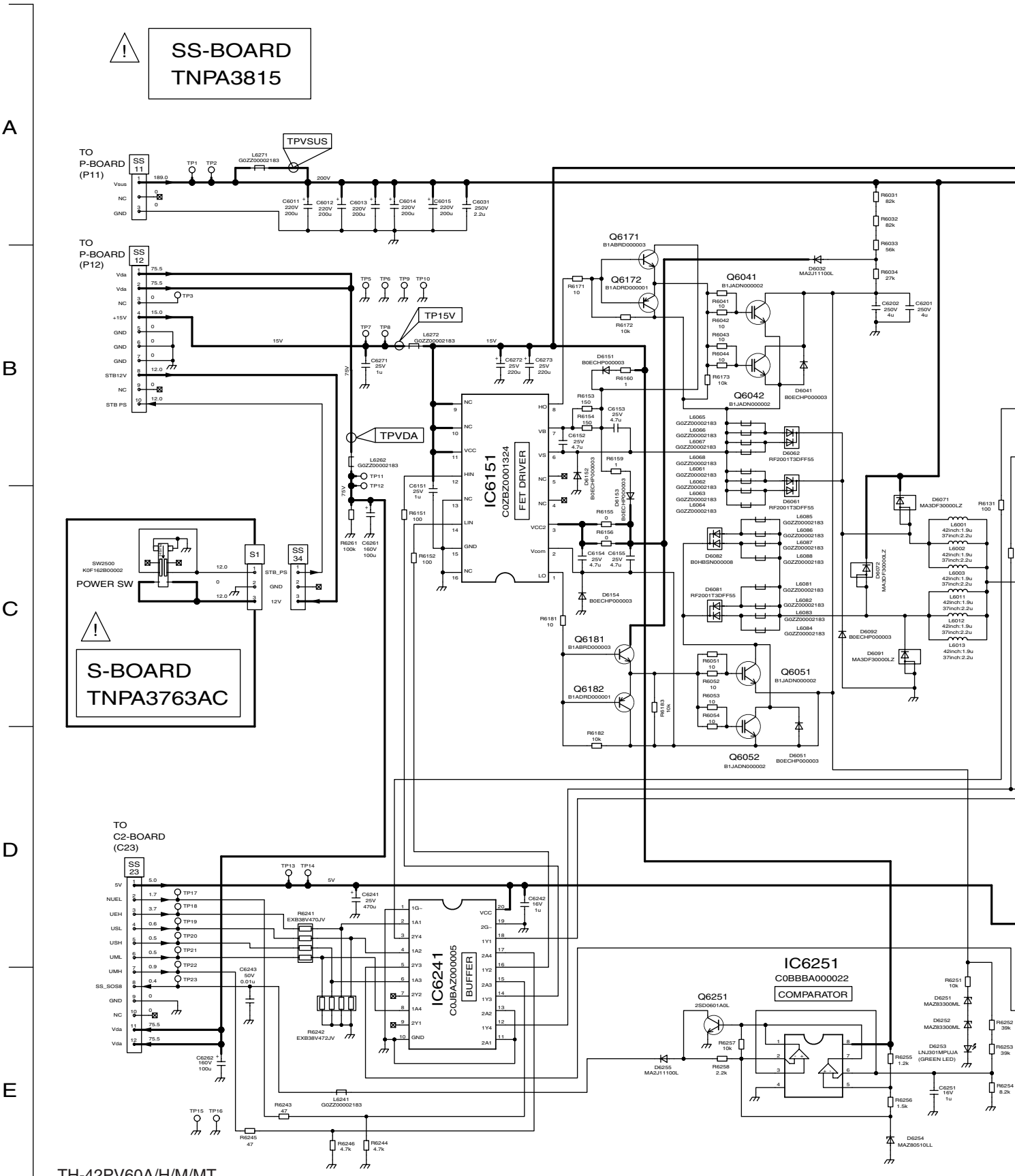
14.51. SS and S-Board Block Diagram



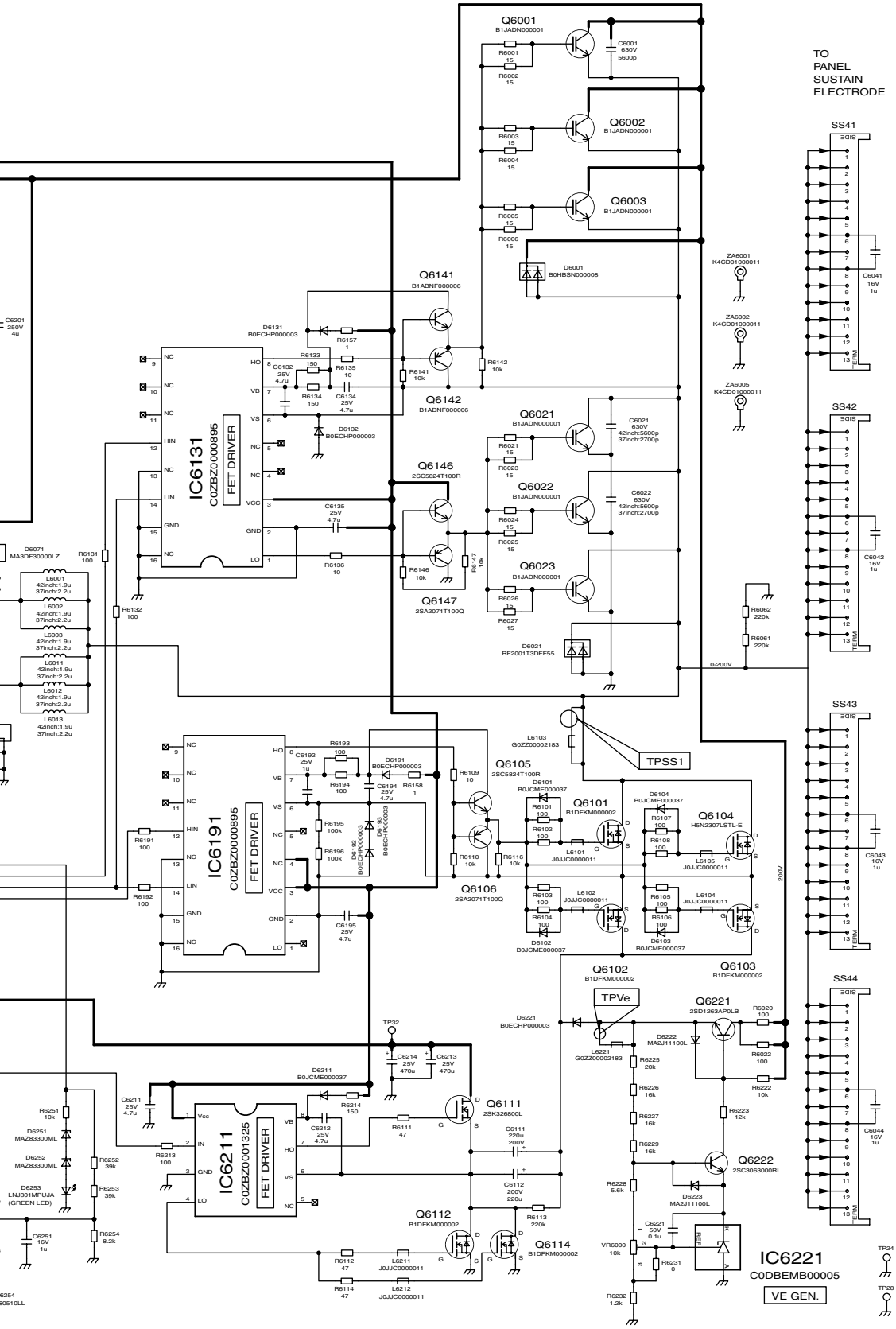


TH-42PV60A/H/M/MT
SS and S-Board Block Diagram

14.52. SS and S-Board Schematic Diagram



TH-42PV60A/H/M/MT
SS and S-Board Schematic Diagram



TH-42PV60A/H/M/MT
SS and S-Board Schematic Diagram

5 6 7 8

SU-BOARD TNPA3818 (2/2)

UP

To 3rd 96pins of SCAN ELECTRODES

SU3

To 4th 96pins of SCAN ELECTRODES

SU4

IC6904
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

IC6905
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

IC6906
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

Vf

Vfo

Vf5

Vscn

Vscn

140V(DC)

140V

D6902
MAZB056OHL

D6903
B0ECHP000003

D6904
B0ECHP000003

COMPONENT SIDE (LOWER)

FOIL SIDE (UPPER)

Vf(High Voltage Floting GND)

VF5V

VF5V

Vf(High Voltage Floting GND)

(Vscn volatage)

Vfo(Vscn Out)

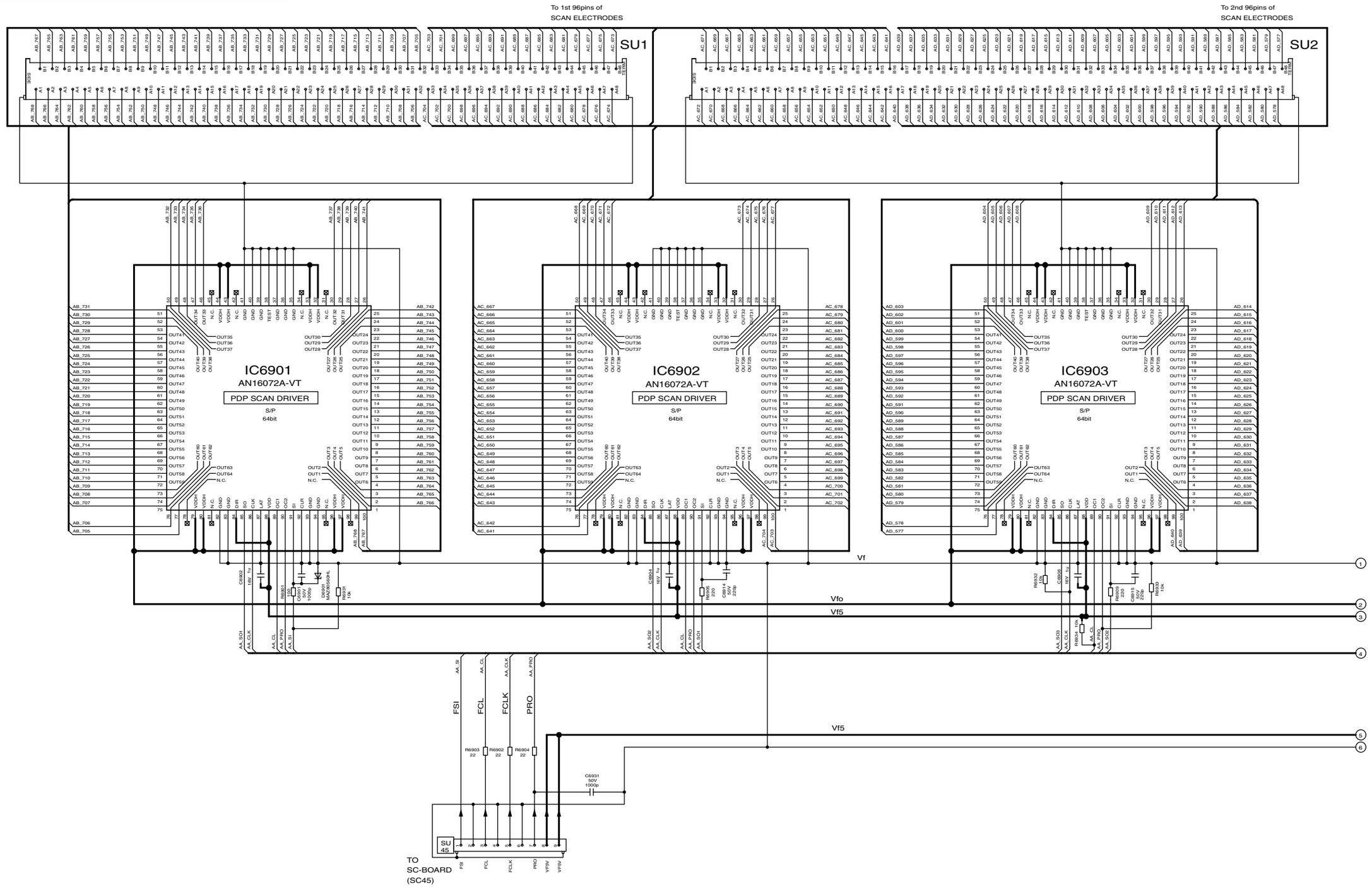
SU41(Card Edge 80Pin)

TO
SC-BOARD
(SC41)

TH-42PV60A/H/M/MT
SU-Board (2 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
SU-Board (2 of 2) Schematic Diagram

SU-BOARD TNPA3818 (1/2)



TH-42PV60A/H/M/MT
SU-Board (1 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
SU-Board (1 of 2) Schematic Diagram

SS-BOARD
TNPA3815

TO P-BOARD (P11) — SS 11 — Vsus, NC, GND

TO P-BOARD (P12) — SS 12 — Vda, Vda, NC, +15V, GND, GND, GND, STB12V, NC, STB PS

TO C2-BOARD (C23) — SS 23 — 5V, NUEL, UEH, USL, USH, UML, UMH, SS_SOS8, GND, NC, Vda, Vda

TO PANEL SUSTAIN ELECTRODE — SS41, SS42, SS43, SS44

POWER SW — SW2500 KOF162B00002 — S1 — SS 34 — STB_PS, GND, 12V

S-BOARD
TNPA3763AC

TPVSUS — L6271 G0ZZ00002183 — 200V — C6011 220V 200u, C6012 220V 200u, C6013 220V 200u, C6014 220V 200u, C6015 220V 200u, C6031 250V 2.2u

TP15V — L6272 G0ZZ00002183 — 15V — C6271 25V 1u, C6272 25V 220u, C6273 25V 220u

TPVDA — L6262 G0ZZ00002183 — 79V — C6261 160V 100u, R6261 100k

IC6151 C0ZBZ0001324 FET DRIVER — NC, NC, VCC, HO, VB, VS, NC, NC, HIN, NC, LIN, GND, VCC2, Vcom, NC, LO

IC6241 C0JBAZ000005 BUFFER — 1G–, 1A1, 2Y4, 1A2, 2Y3, 1A3, 2Y2, 1A4, 2Y1, GND, VCC, 2G–, 1Y1, 2A4, 1Y2, 2A3, 1Y3, 2A2, 1Y4, 2A1

IC6251 C0BBBA000022 COMPARATOR

IC6131 C0ZBZ0000895 FET DRIVER — NC, NC, NC, HIN, NC, LIN, GND, NC, HO, VB, VS, NC, NC, VCC, GND, LO

IC6191 C0ZBZ0000895 FET DRIVER — NC, NC, NC, HIN, NC, LIN, GND, NC, HO, VB, VS, NC, NC, VCC, GND, LO

IC6211 C0ZBZ0001325 FET DRIVER — Vcc, IN, GND, LO, HO, VB, VS, NC

IC6221 C0DBEMB00005 VE GEN.

Q6001 B1JADN000001 — Q6002 B1JADN000001 — Q6003 B1JADN000001

Q6021 B1JADN000001 — Q6022 B1JADN000001 — Q6023 B1JADN000001

Q6141 B1ABNF000006 — Q6142 B1ADNF000006

Q6146 2SC5824T100R — Q6147 2SA2071T100Q

Q6105 2SC5824T100R — Q6106 2SA2071T100Q

Q6101 B1DFKM000002 — Q6102 B1DFKM000002 — Q6103 B1DFKM000002 — Q6104 H5N2307LSTL-E

Q6111 2SK326800L — Q6112 B1DFKM000002 — Q6114 B1DFKM000002

Q6221 2SD1263AP0LB — Q6222 2SC3063000FL

Q6171 B1ABRD000003 — Q6172 B1ADRD000001 — Q6181 B1ABRD000003 — Q6182 B1ADRD000001

Q6041 B1JADN000002 — Q6042 B1JADN000002 — Q6051 B1JADN000002 — Q6052 B1JADN000002

D6001 B0HBSN000008 — D6002 B0HBSN000008 — D6032 MA2J11100L — D6041 B0ECHP000003 — D6042 RF2001T3DFF55 — D6051 B0ECHP000003 — D6052 RF2001T3DFF55 — D6061 RF2001T3DFF55 — D6062 RF2001T3DFF55 — D6071 MA3DF30000LZ — D6072 MA3DF30000LZ — D6081 RF2001T3DFF55 — D6082 B0HBSN000008 — D6091 MA3DF30000LZ — D6092 B0ECHP000003 — D6131 B0ECHP000003 — D6132 B0ECHP000003 — D6151 B0ECHP000003 — D6152 B0ECHP000003 — D6153 B0ECHP000003 — D6154 B0ECHP000003 — D6191 B0ECHP000003 — D6192 B0ECHP000003 — D6211 B0JCME000037 — D6221 B0ECHP000003 — D6251 MAZ83300ML — D6252 MAZ83300ML — D6253 LNJ301MPUJA (GREEN LED) — D6254 MAZ80510LL — D6255 MA2J11100L

L6001 42inch:1.9u 37inch:2.2u — L6002 42inch:1.9u 37inch:2.2u — L6003 42inch:1.9u 37inch:2.2u — L6011 42inch:1.9u 37inch:2.2u — L6012 42inch:1.9u 37inch:2.2u — L6013 42inch:1.9u 37inch:2.2u

L6065 G0ZZ00002183 — L6066 G0ZZ00002183 — L6067 G0ZZ00002183 — L6068 G0ZZ00002183 — L6061 G0ZZ00002183 — L6062 G0ZZ00002183 — L6063 G0ZZ00002183 — L6064 G0ZZ00002183

L6085 G0ZZ00002183 — L6086 G0ZZ00002183 — L6087 G0ZZ00002183 — L6088 G0ZZ00002183 — L6081 G0ZZ00002183 — L6082 G0ZZ00002183 — L6083 G0ZZ00002183 — L6084 G0ZZ00002183

L6101 J0JJC0000011 — L6102 J0JJC0000011 — L6103 G0ZZ00002183 — L6104 J0JJC0000011 — L6105 J0JJC0000011 — L6211 J0JJC0000011 — L6212 J0JJC0000011 — L6221 G0ZZ00002183 — L6241 G0ZZ00002183

ZA6001 K4CD01000011 — ZA6002 K4CD01000011 — ZA6005 K4CD01000011

TPSS1 — TPVe — TP1 TP2 TP3 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32

0-200V — 200V — 79V — 15V — 5V

TH-42PV60A/H/M/MT
SS and S-Board Schematic Diagram

TH-42PV60A/H/M/MT
SS and S-Board Schematic Diagram

SD-BOARD TNPA3819 (2/2)

DOWN

To 3rd 96pins of SCAN ELECTRODES

To 4th 96pins of SCAN ELECTRODES

SD3

SD4

IC6954
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

IC6955
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

IC6956
AN16072A-VT
PDP SCAN DRIVER
S/P
64bit

Vf

Vfo

Vf5

Vf5

Vf

FSI

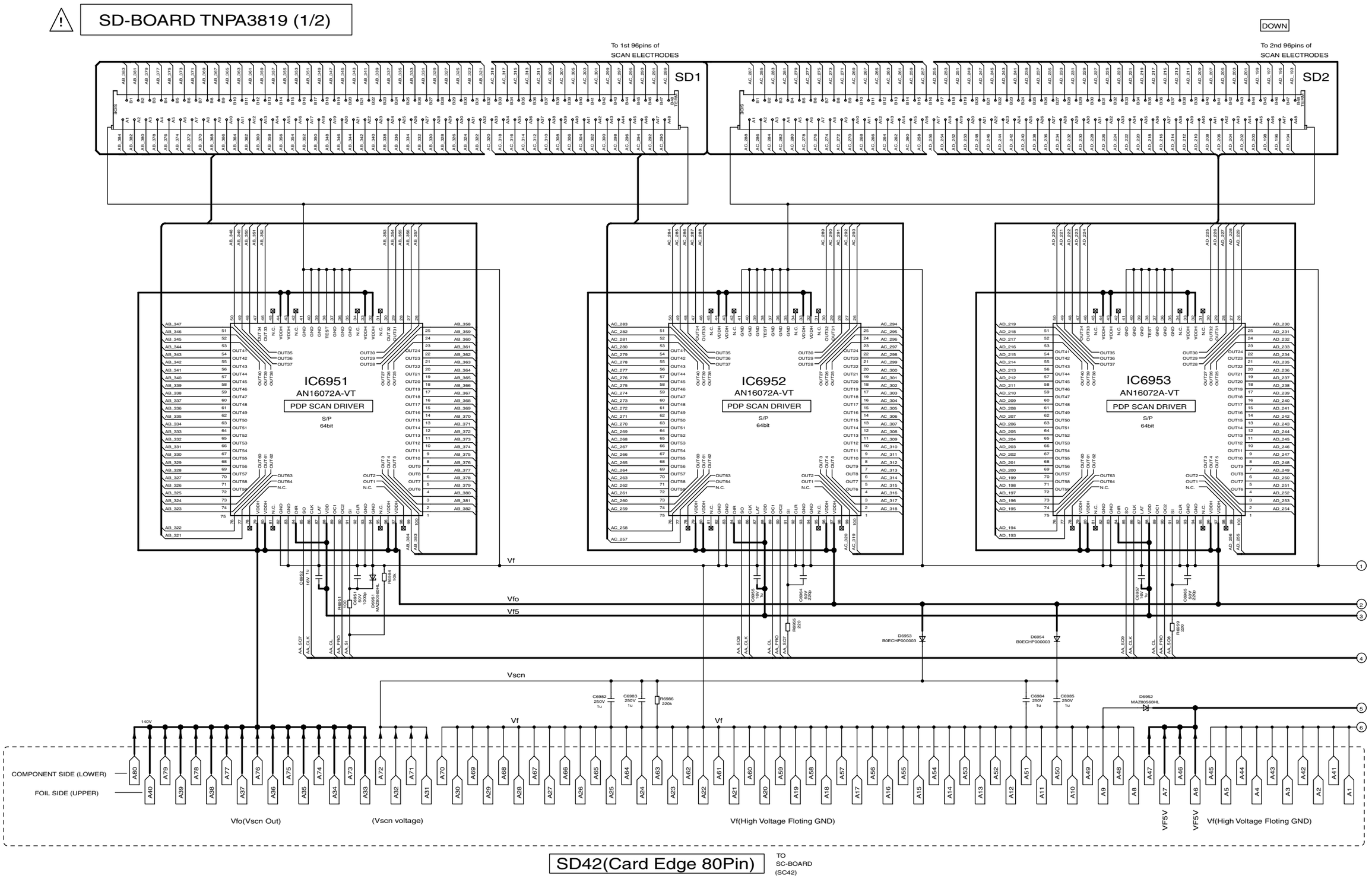
FCL

FCLK

PRO

TO
SC-BOARD
(SC46)

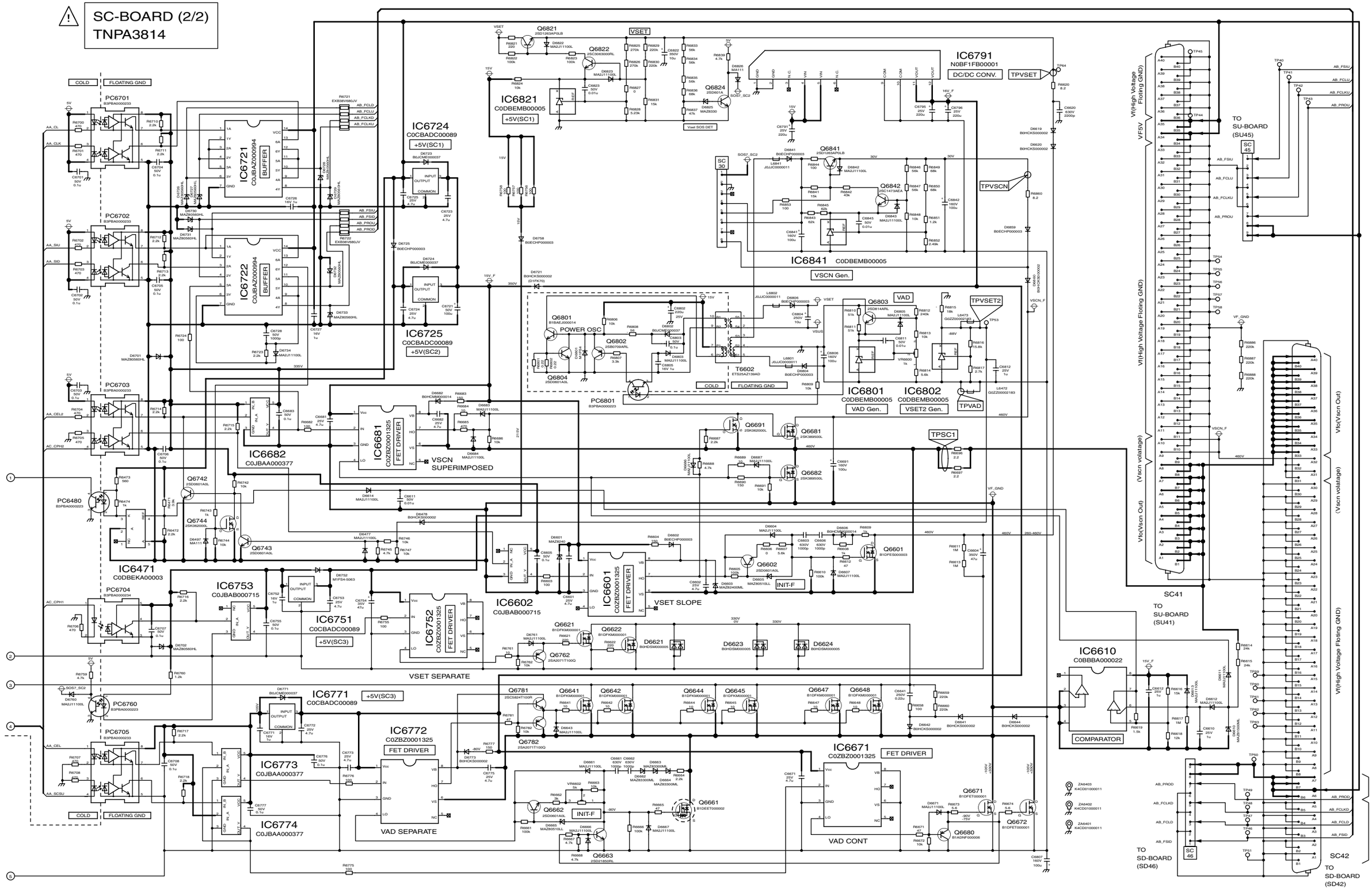
SD-BOARD TNPA3819 (1/2)



TH-42PV60A/H/M/MT
SD-Board (1 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
SD-Board (1 of 2) Schematic Diagram

SC-BOARD (2/2)
TNPA3814

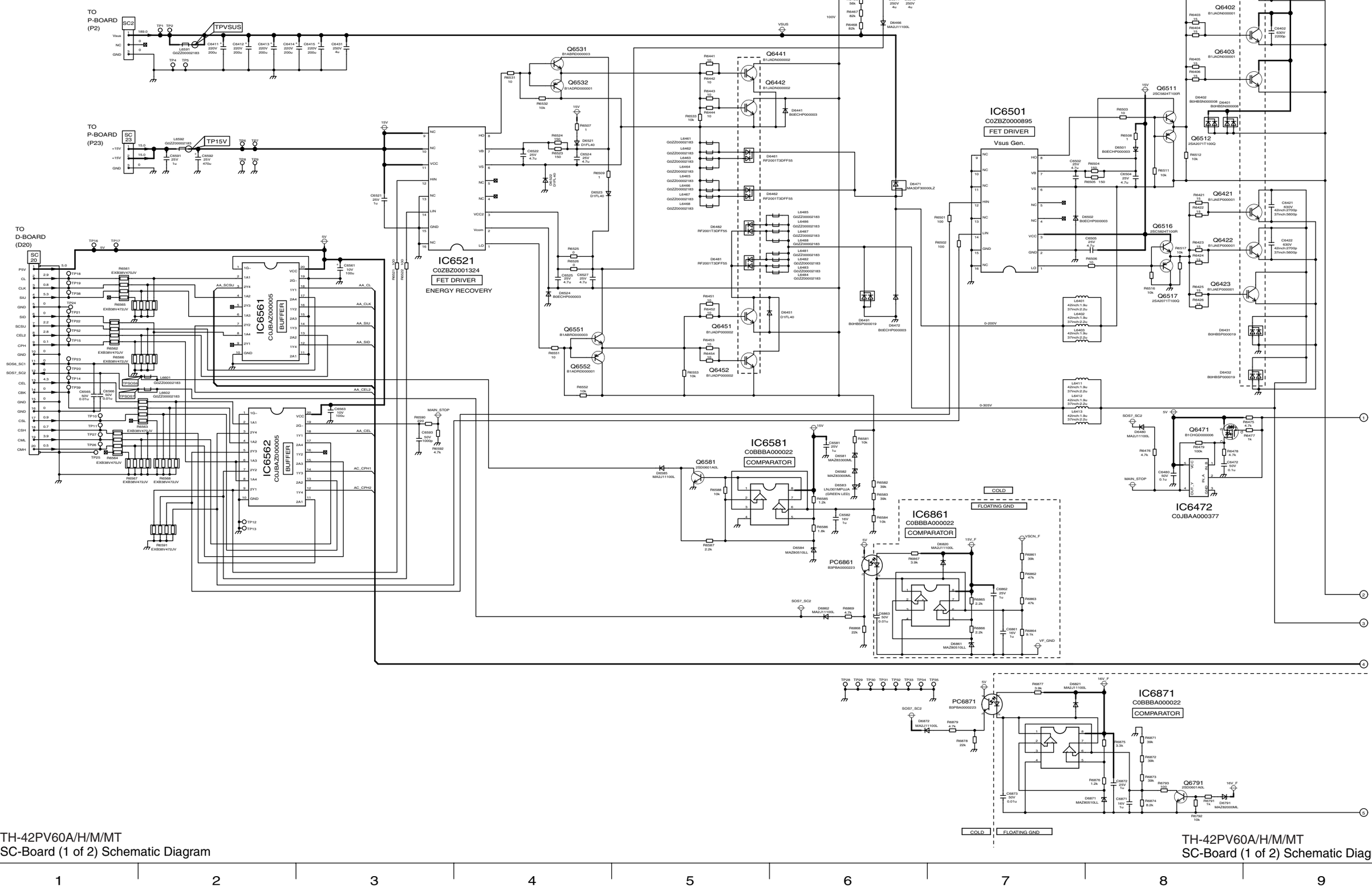


TH-42PV60A/H/M/MT
SC-Board (2 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
SC-Board (2 of 2) Schematic Diagram

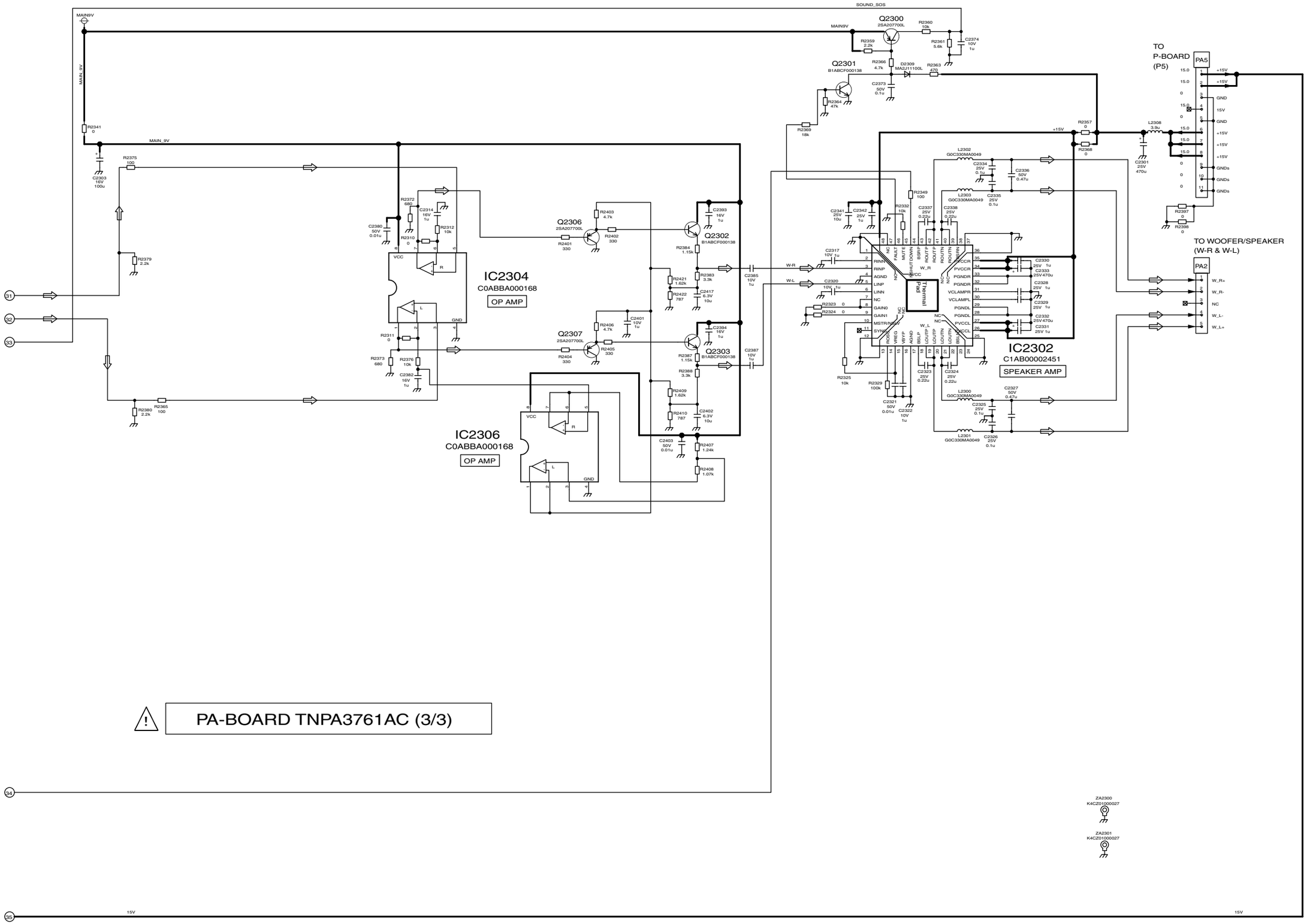
10 11 12 13 14 15 16 17 18

SC-BOARD (1/2)
TNPA3814



TH-42PV60A/H/M/MT
SC-Board (1 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
SC-Board (1 of 2) Schematic Diagram



PA-BOARD TNPA3761AC (3/3)

TH-42PV60A/H/M/MT
PA-Board (3 of 3) Schematic Diagram

PA-BOARD TNPA3761AC (2/3)

IC5602
EHMDD9851
AVR 1.8V/3.3V

IC5604
C0DBZGC00067
AVR 3.3V

SUFFIX
AC

TO
H-BOARD
(H40)

TO
DG-BOARD
(DG20)

TH-42PV60A/H/M/MT
PA-Board (2 of 3) Schematic Diagram

TH-42PV60A/H/M/MT
PA-Board (2 of 3) Schematic Diagram

PA-BOARD TNPA3761AC (1/3)

IC5801
C0DBAZF00003

AVR 15V
FAN CONTROL

IC5601
N0BG2DE00001

AVR 5V/9V

TO FAN

TO P-BOARD (P10)

TH-42PV60A/H/M/MT
PA-Board (1 of 3) Schematic Diagram

TO
P-BOARD
(4/6)

P-BOARD TNPA3911 (6/6)

TO
D-BOARD
(D25)

P25

1	+15Vc
2	+15Vc
3	NC
4	GND
5	GND
6	GND
7	+5Vc
8	GND
9	+5Vc
10	STBY5V
11	GND
12	GND(STBY)
13	F_STBY_ON
14	FAN_SOS
15	ECO_ON
16	PS_SOS
17	Panel_Main_ON
18	ALL_OFF
19	AC_GOOD
20	KILL_SOS

IC510
BD9703FP
SWITCHING
REGULATOR

TH-42PV60A/H/M/MT
P-Board (6 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

TO
P-BOARD
(3/6)

P-BOARD TNPA3911 (5/6)

HOT
COLD

IC412
ON3171
PHOTO COUPLER

IC401
ON3171
PHOTO COUPLER

IC403
ON3171
PHOTO COUPLER

IC404
ON3171
PHOTO COUPLER

IC405
ON3171
PHOTO COUPLER

Q568 2SJ463A
Q512 2SK3018
Q551 2SK3018
Q563 2SK2090
Q569 2SK3018
Q561 2SD1819A-RTX
Q558 2SD1819A-RTX
Q554 RSR025P03
Q553 2SD1819A-RTX
Q535 2SD1819A
Q557 2SD1819A-RTX
Q559 2SD1819A-RTX
Q501 2SD1820A
Q502 2SD1820A

IC501
M34509G4FP
POWER MCU

IC502
R3111N401C
RESET

D505 D1NS4
D515 02DZ3.3
D559 02DZ7.5
D555 02DZ7.5
D588 02DZ3.3
D590 02DZ3.3
D512 MA111
D513 MA111

X501 4MHz

TH-42PV60A/H/M/MT
P-Board (5 of 6) Schematic Diagram

TH-42PV60A/H/M/MT
P-Board (5 of 6) Schematic Diagram

P-BOARD TNPA3911 (4/6)

TO P-BOARD (2/6)

TO P-BOARD (6/6)

R512 2200

Q507 2SK3568

C616 1000P, ZH27, ZH28

D582 MA3068

R637 0.68, R619 0.68, R642 0.68, R643 0.68, R644 0.68, R634 0.68, R639 0.68, R640 0.68

ZH29, D501 S3K60, ZH39

R654 22, R647 330, D587 MA188

C640 0.1, R646, R647

ZH23, ZH24

PR601 T 3.15A 250V

T601 45H-5034A

ZH25, C615 1400u/220V, ZH46

ZH47, C611 1400u/220V, ZH28

TO SC-BOARD (SC2) P2

1	Vsus
2	NC
3	GND

ZH112, ZH113, 189.0, 0, 0

P11

1	Vsus
2	NC
3	GND

ZH100, ZH101, 189.0, 0, 0

TO SC-BOARD (SS11)

Q540 RSR025P03

R945 22K, C653 1000P, R528 4.7, C531 1.0, R946 33K

R608 3300

IC509 L6565N

DC-DC CONVERTER

Vcc, GD, GND, ZCD; INV, COMP, VFF, CS

C518 0.1, D506 02DZ5.1, R695 16K, R601 47K, R657 1000, C632 330P, R652 6.1K, R603 33K, C634 1000P, R671 10K, Csus, R543 15K

IC505 ON3171

PHOTO COUPLER

IC507 ON3171

PHOTO COUPLER

R620 10K, R589 12K, R595 2200, R590 12K, R621 12K, D514 02DZ6.2

Q505 2SK2998

R622 150K, R648 150K, R636 150K, R626 150K, R656, D575 MA188, R627 7.5K, C619 0.1, R691 100K, R628 3K

IC506 HA17431

ERROR DET(Vsus)

Vsus

R526 220K, R527 220K, R534 47K, R533 16K, D585 02DZ7.5, R658 1M

Q530 2SD1819A-RTX

R550 47K, C629 0.01, C641 1000P

Q525 2SK3018

TH-42PV60A/H/M/MT
P-Board (4 of 6) Schematic Diagram

P-BOARD TNPA3911 (3/6)

TO P-BOARD (1/6)

TO P-BOARD (5/6)

COLD | HOT

HOT | COLD

IC411
TL431A1LPM5
ERROR DET

IC409
MIP2G4
DC POWER CONTROL
SOURCE SOURCE SOURCE DRAIN
Vdd FB CL Vcc

IC504
TL431A1LPM5
ERROR DET

IC408
ON3171
PHOTO COUPLER

IC410
ON3171
PHOTO COUPLER

T410
ETS25AF115AH

Q434 2SK3302
Q537 RTR040N03
Q521 2SK3018
Q524 2SC2785

D404 S1WB(A)60
D435 ERA15-10
D596 ERA15-10
D411 ST02D-170
D416 1SR153
D511 D1NJ10
D509 DZ56M
D595 WA5001=5
D583 DZ5.2B
D412 D1NL20U
D441 D1SL20U
D444 D1NL20U
D430 MA111
D436 MA4200-M
D445 MA4360-H
D432 RB520
D437 MA4100A
D438 MA4200-M
ZN405 ERZV07D511
ZN406 ERZV07D511

R483 4.7M
R413 10/5W
R407 430K
R427 430K
R435 430K
R461 10K
R488 100K
R425 39K
R459 680K
R938 4.7K
R416 0
R432 33K
R422 33K
R423 1K
R418 22
R404 1K
R420 0
R434 0
R412 0
R429 4.7
R507 220
R524 1K
R521 10
R522 0
R943 1M
R594 100
R539 10K
R540 1M
R544 1M
R542 1K
R549 10K
R541 1M
R530 33K

C414 0.047u
C407 22u/450V
C494 1/250V
C407 47/50V
C403 47/50V
C402 1u
C654 1.0
C408 1000P
C413 0.1
C434 1.0
C433 0.1
C425 0.01
C467 220P
C512 50V 470P
C513 50V 470P
C529 1.0
C517 220u
C514 470P
C515 1200
C516 0.47
C585 0.022
C630 0.01
C507 0.01
C527 1000P

L410 40mH

ZH59 ZH60 ZH61 ZH63 ZH65 ZH67 ZH68 ZH44 ZH45 ZH52 ZH53 ZH41 ZH88 ZH89

TH-42PV60A/H/M/MT
P-Board (3 of 6) Schematic Diagram

TH-42PV60A/H/M/MT
P-Board (3 of 6) Schematic Diagram

P-BOARD TNPA3911 (2/6)

COLD

HOT

IC520
LSSK0062
POWER CONTROL

IC512
TL431A1LPM5
ERROR DET(Vda)

Q517 HN1C01F
Q527 2SK2882
Q555 RSS130N03 DC/DC CONV.
Q556 RSS130N03 DC/DC CONV.
Q408 RSR025P03
Q409 RSR025P03
Q412 2SK3683
Q413 2SK3683
Q520 HN1C01F
Q541 2SK3018
Q538 2SK3018
Q510 RSR015P03
Q565 2SB1218AR
Q564 2SB1218AR
Q566 2SD1819A-RTX
Q509 HN1A01F VLOW DET
Q508 HN1C01F VLOW DET

T402 MT180
T404 ETS42LA115AD
T407 ETQ11K5AZ

P12
1	Vda
2	Vda
3	NC
4	+15V
5	GND
6	GND
7	GND
8	STB_12V
9	NC
10	STB_PS

TO SS-BOARD (SS12)

P23
1	+15V
2	+15V
3	GND

TO SC-BOARD (SC23)

P10
1	F_STBY
2	F_STBY
3	F_STBY
4	GND
5	GND
6	GND

TO PA-BOARD (PA10)

P5
1	+15Vc
2	+15Vc
3	GND
4	+15Vc
5	GND
6	+15Vs(S)
7	+15Vs(W)
8	+15Vs(W)
9	GNDs(S)
10	GNDs(W)
11	GNDs(W)

TO PA-BOARD (PA5)

Z1
1	

Vda

Vlow

TO P-BOARD (4/6)

TH-42PV60A/H/M/MT
P-Board (2 of 6) Schematic Diagram

P-BOARD TNPA3911 (1/6)

TO AC CORD
P9
LIVE 4
NC 3
- 2
NEUTRAL 1

T401
G4D4A0000117

IC402
TL431A1LPM5
ERROR DET

IC406
L6561
POWER FACTOR CORRECTOR

POWER FACTOR CORRECTOR

PFC

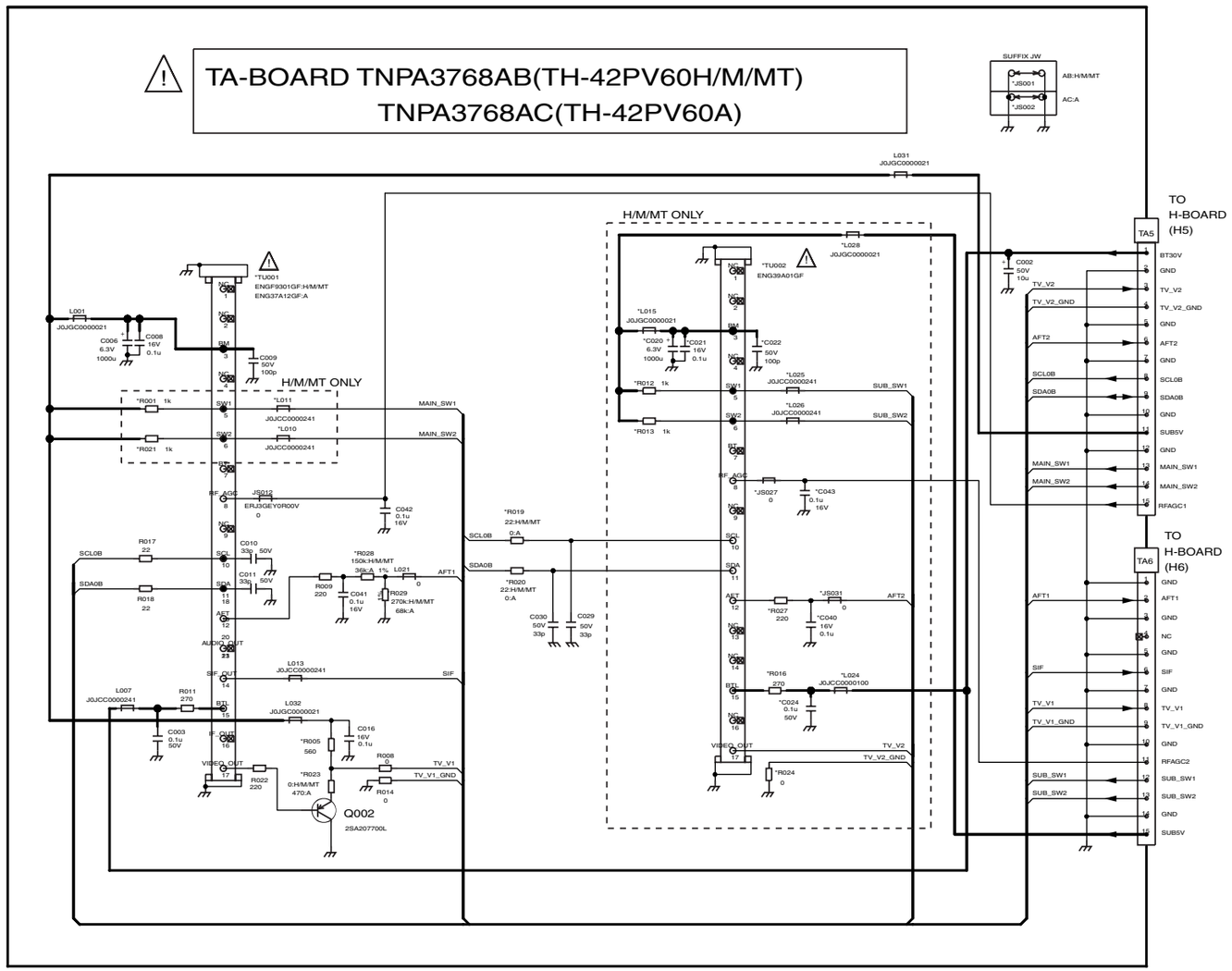
TO P-BOARD (3/6)

COLD
HOT

TH-42PV60A/H/M/MT
P-Board (1 of 6) Schematic Diagram

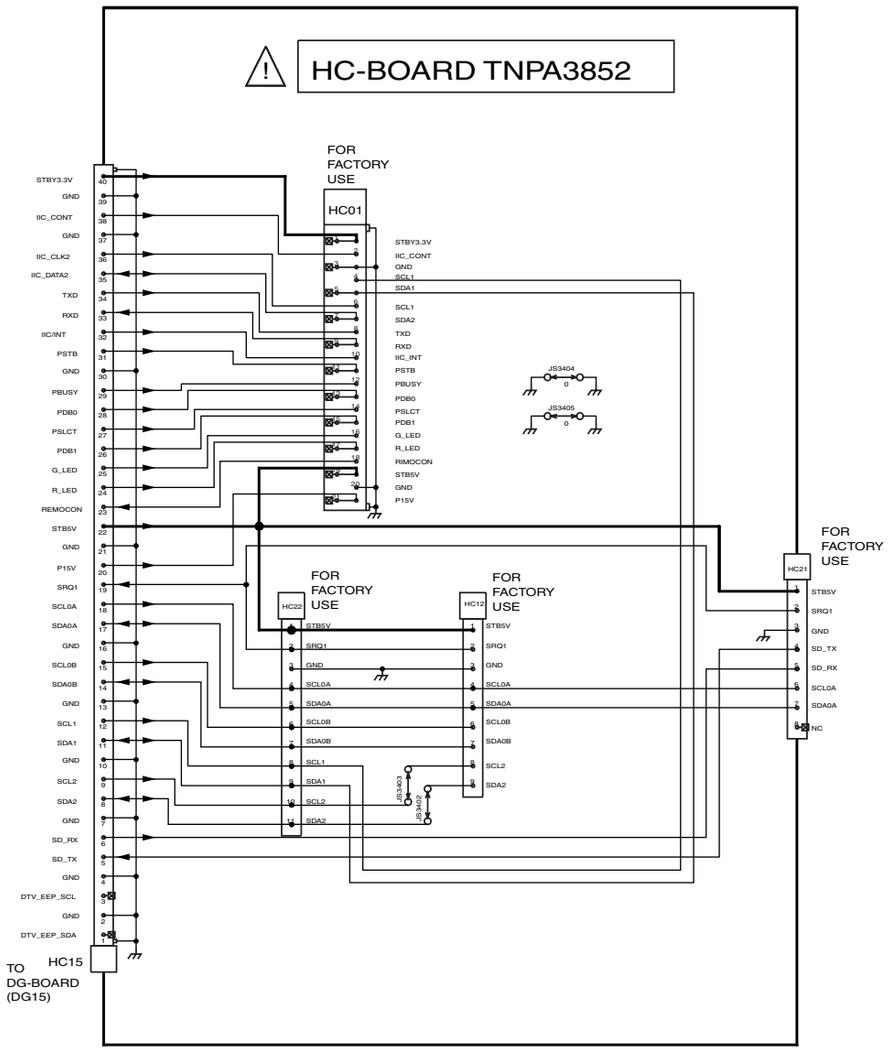
TH-42PV60A/H/M/MT
P-Board (1 of 6) Schematic Diagram

TA-BOARD TNPA3768AB(TH-42PV60H/M/MT) TNPA3768AC(TH-42PV60A)



TH-42PV60A/H/M/MT
HC and TA-Board Schematic Diagram

HC-BOARD TNPA3852



TH-42PV60A/H/M/MT
HC and TA-Board Schematic Diagram

⚠ H-BOARD TNPA3760AD (3/3)

TO TA-BOARD (TA5) H5 K1KA15AA0288

TO TA-BOARD (TA6) H6 K1KA15AA0288

TO PA-BOARD (PA40) H40 K1KA20AA0009

FOR FACTORY USE H15 K1KA04AA0150

TO DG-BOARD (DG1) H1 K1KY80A00011

TO DG-BOARD (DG2) H2

TO G-BOARD (G51) *H51 K1KA30AA0009

AVR BT30V

IC5603 C0DBAJB00004

Q5614 B1CFNG000001

Q3014 2SA2077OOL

Q3017 2SA2077OOL

Q3011 2SA2077OOL

Q3015 2SA2077OOL

Q3008 2SA2077OOL

*Q3210 2SA2077OOL

*Q3204 B1ABDF000034

*Q3205 B1ABDF000034

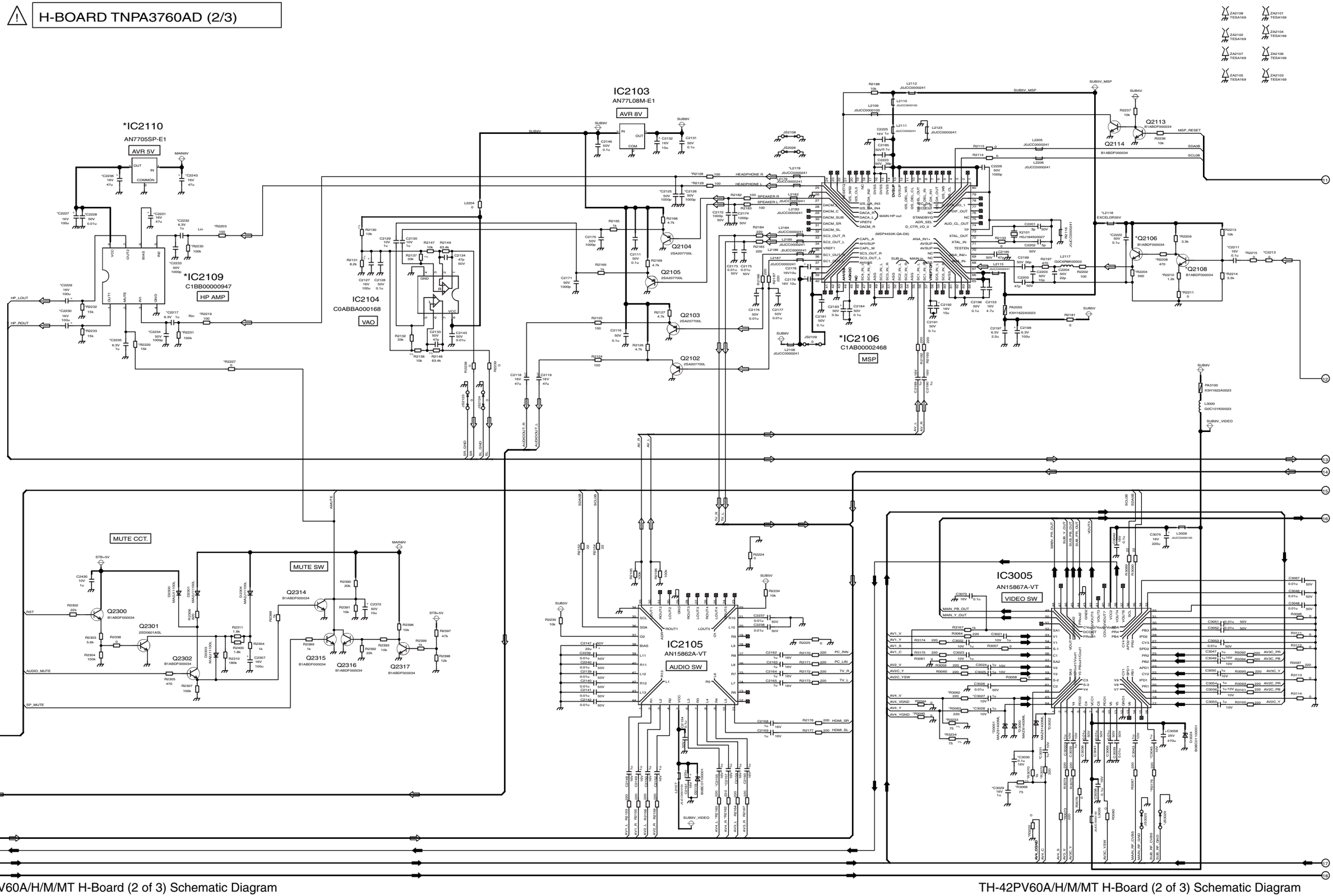
*Q3206 B1ABDF000034

*Q3207 B1ABDF000034

SUB5V_VIDEO

TH-42PV60A/H/M/MT H-Board (3 of 3) Schematic Diagram

⚠ H-BOARD TNPA3760AD (2/3)

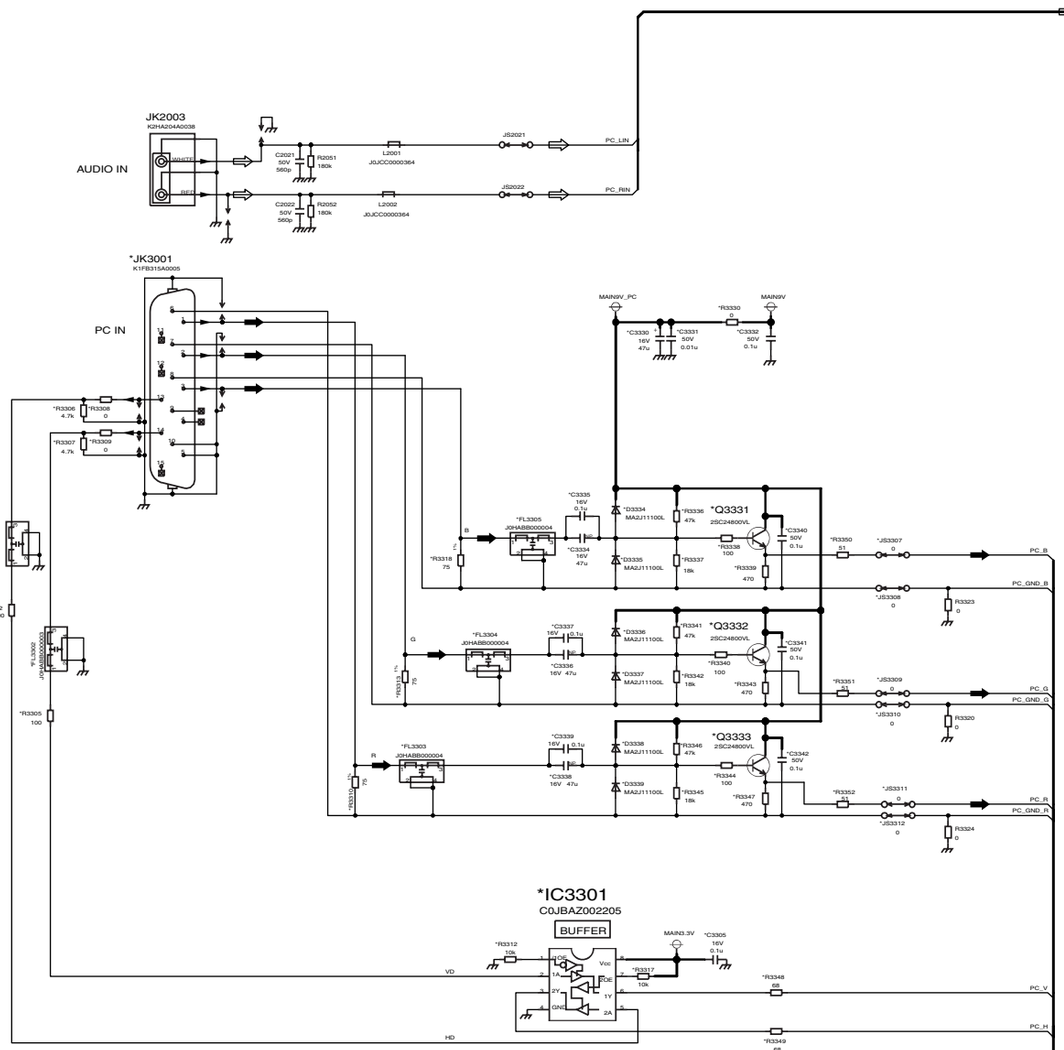


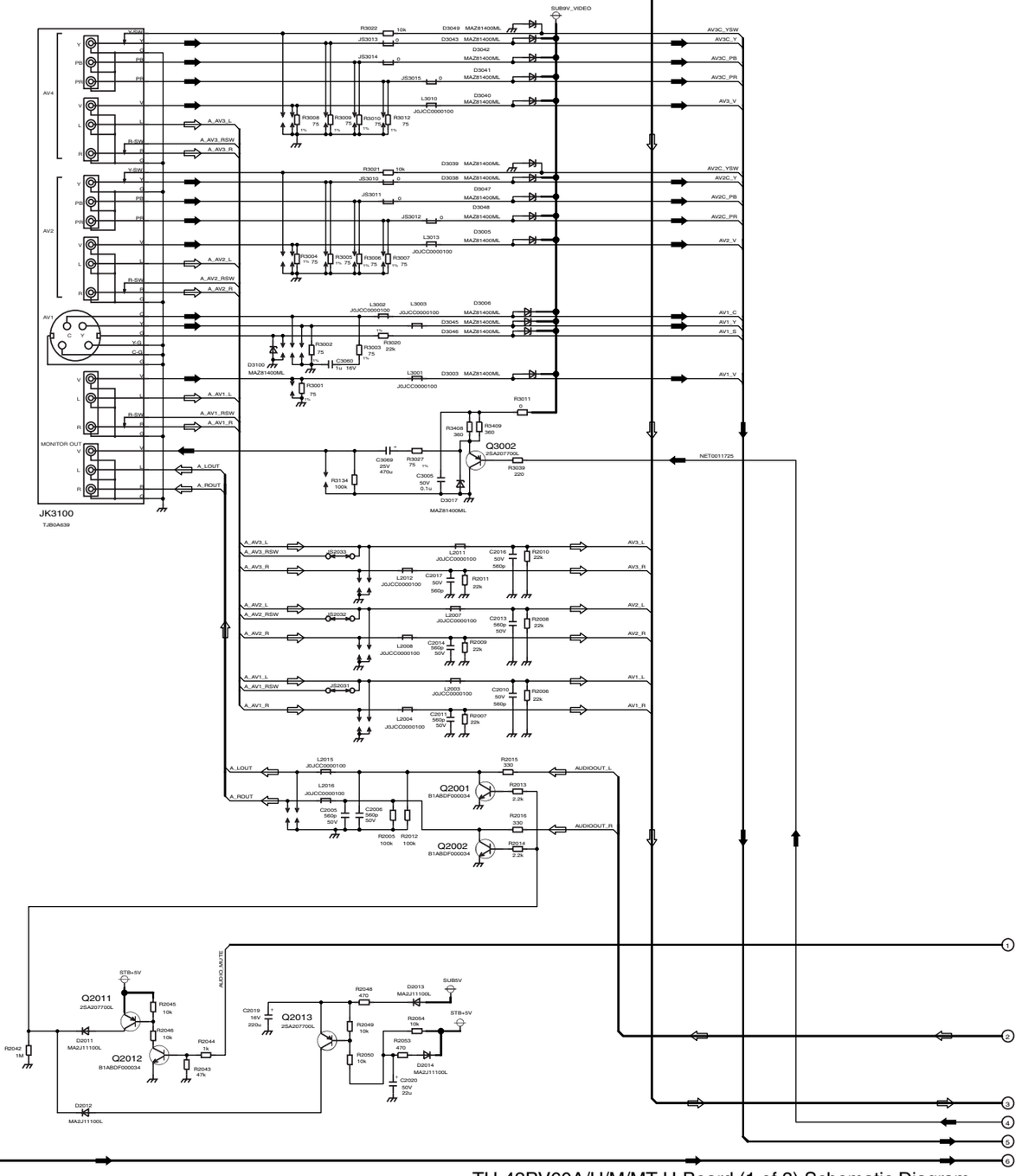
TH-42PV60A/H/M/MT H-Board (2 of 3) Schematic Diagram

TH-42PV60A/H/M/MT H-Board (2 of 3) Schematic Diagram

10 11 12 13 14 15 16 17 18

⚠ H-BOARD TNPA3760AD (1/3)



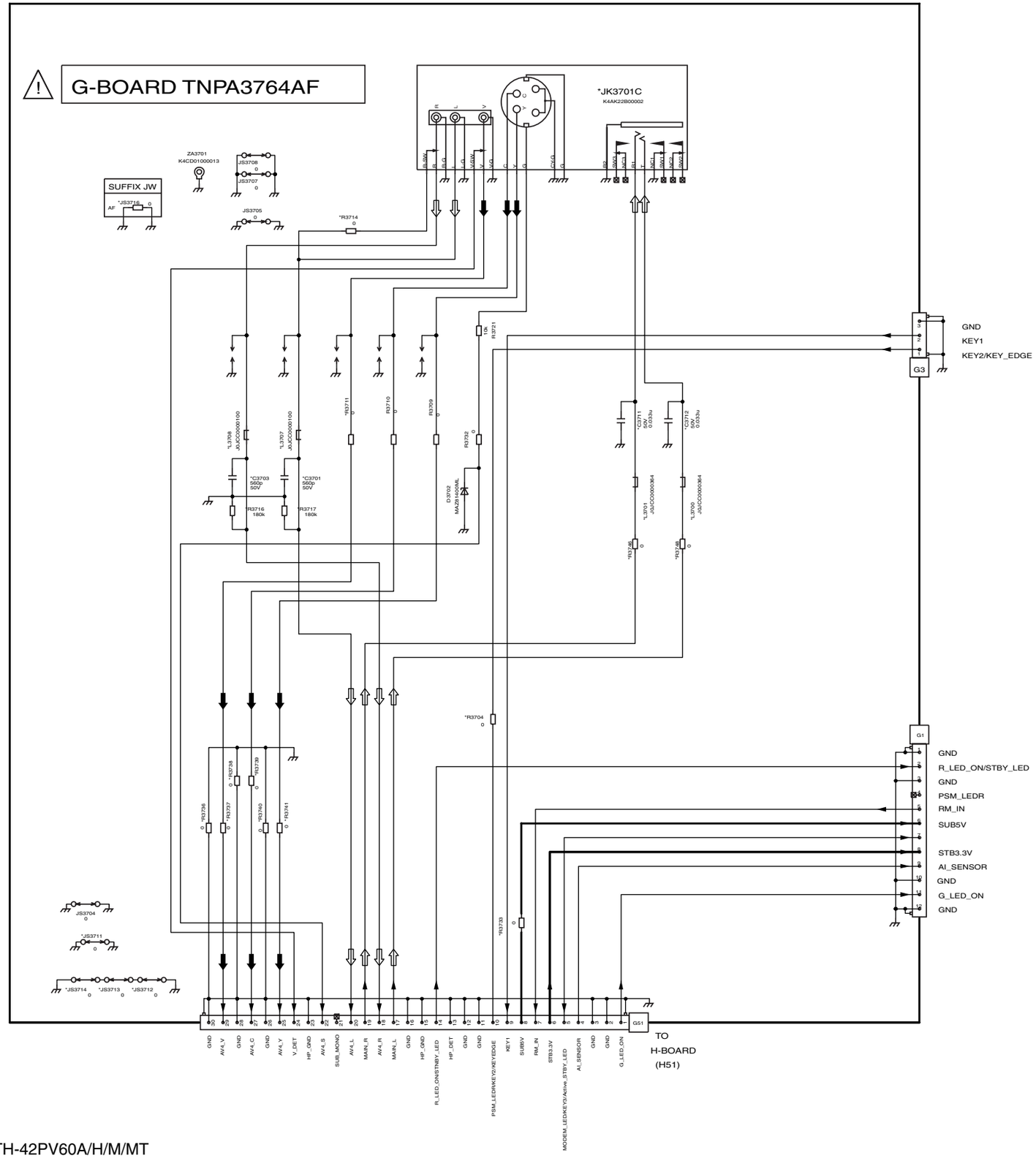


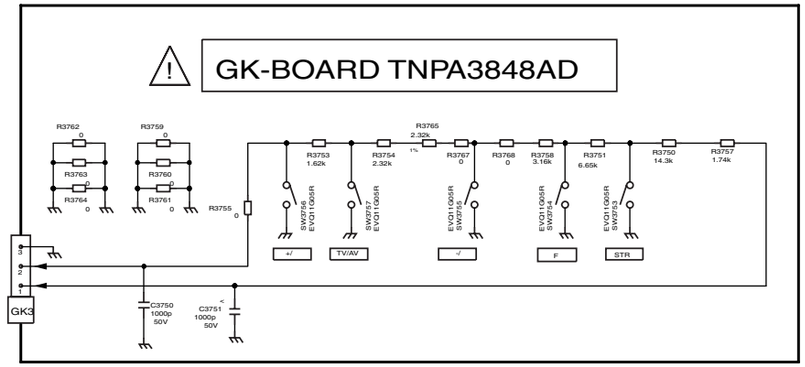
TH-42PV60A/H/M/MT H-Board (1 of 3) Schematic Diagram

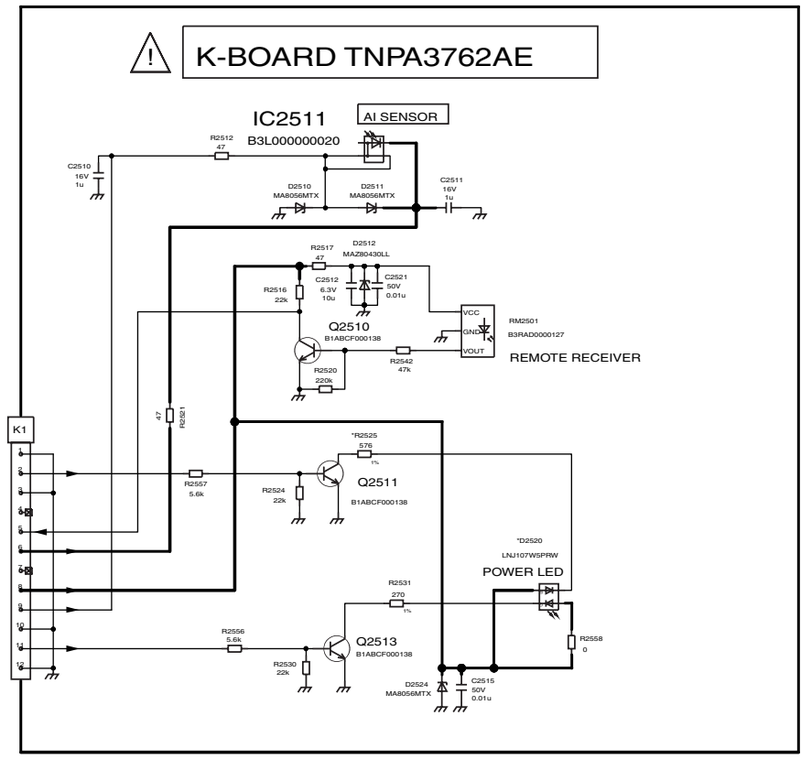
TH-42PV60A/H/M/MT H-Board (1 of 3) Schematic Diagram

A B C D E F

1 2 3 4 5 6 7 8 9

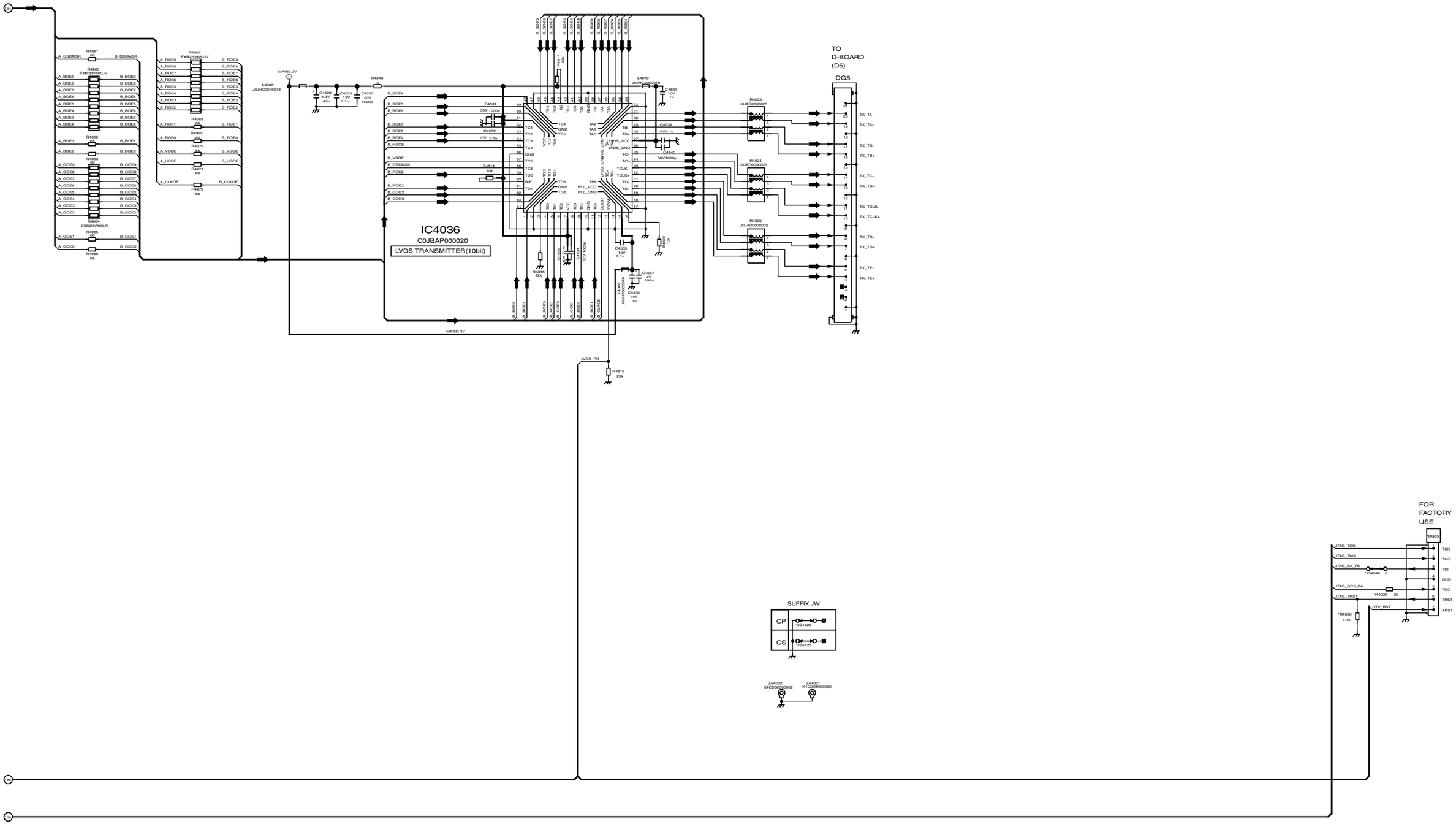






TH-42PV60A/H/M/MT
G, GK, and K-Board Schematic Diagram

DG-BOARD (8/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)



TH-42PV60A/H/M/MT DG-Board (8 of 8) Schematic Diagram

DG-BOARD (7/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

IC4037
MN84522-A
GC5 PROCESSOR

IC4030
C0CBCBC00190
PLL 3.3V

PORT-E
(output for Panel)

PORT-F(out)
(output for FHD&PWM)

IC4035
C0CBCAF00031
DDR 2.5V

IC4032
C0DBGYY00052
MAIN 1.2V

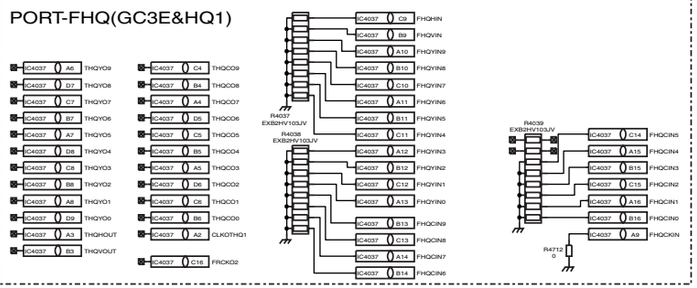
IC4038
C3ABQJ000048
128M DDR SDRAM

GC_RST

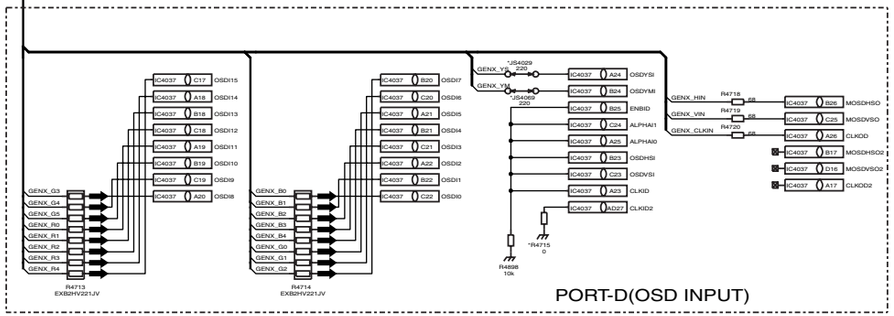
TH-42PV60A/H/M/MT DG-Board (7 of 8) Schematic Diagram

DG-BOARD (6/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

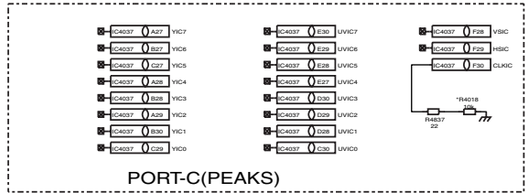
PORT-FHQ(GC3E&HQ1)



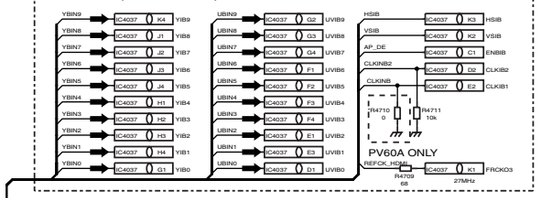
PORT-D(OSD INPUT)



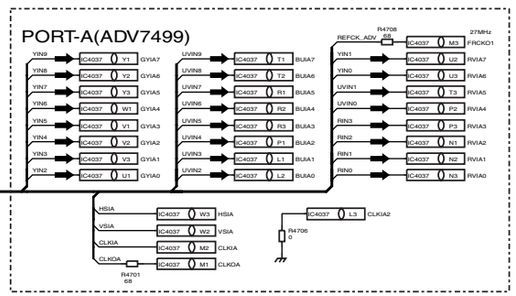
PORT-C(PEAKS)



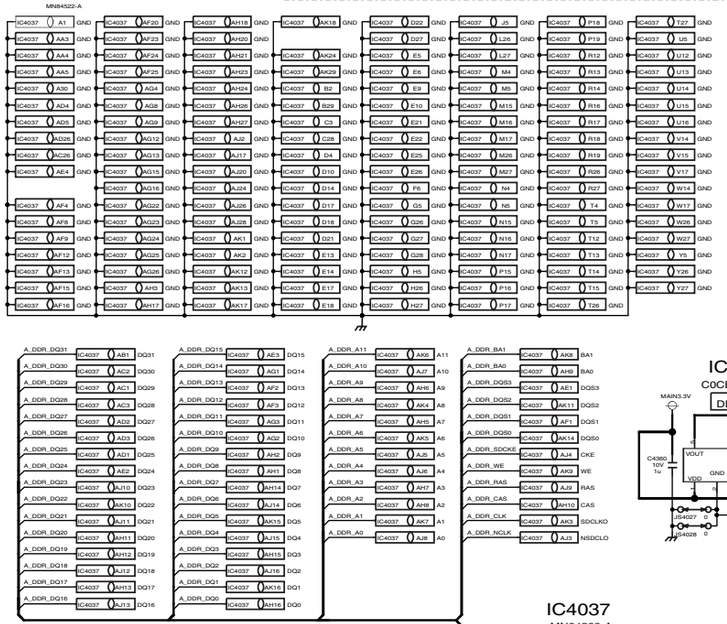
PORT-B(FS&HDMI)



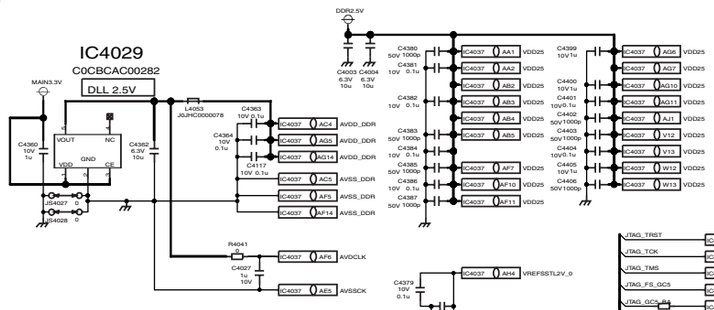
PORT-A(ADV7499)



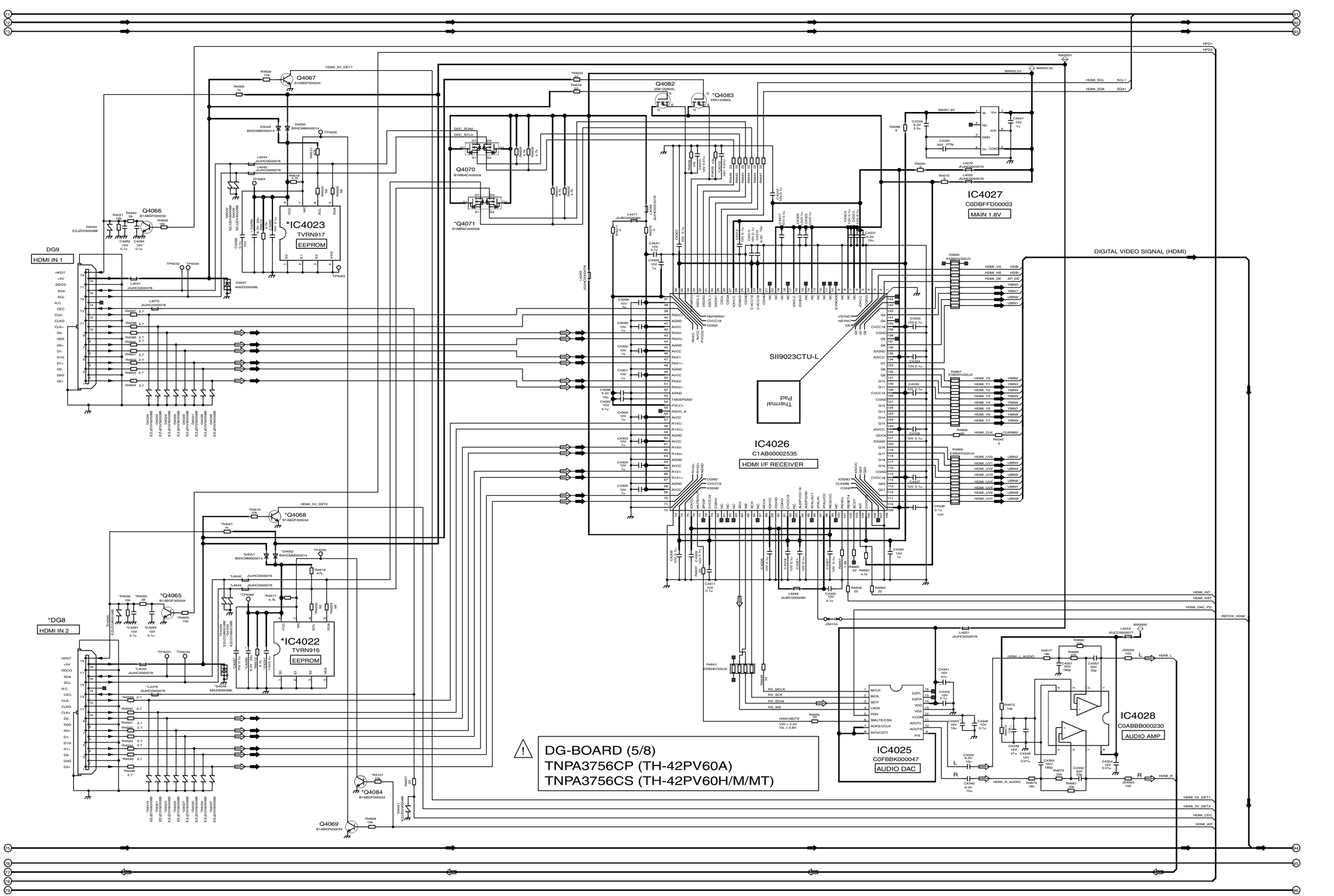
IC4037
MN84522-A
GC5 PROCESSOR



IC4029
C0CBCAC00282
DLL 2.5V



IC4037
MN84522-A
GC5 PROCESSOR



TH-42PV60A/H/M/MT DG-Board (5 of 8) Schematic Diagram

TH-42PV60A/H/M/MT DG-Board (5 of 8) Schematic Diagram

DG-BOARD (4/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

IC4013 C0CBCBF00009 AD 3.3V
IC4016 C0CBCAC00275 AVR 1.8V
IC4018 C0CBCAC00275 AVR 1.8V
IC4019 C1AB00002456 10bit A/D(ADV7499)
*IC4020 C1AB00002202 GC3FS
*IC4014 C0CBCAC00282 AD 2.5V
*IC4040 C0CBCAC00282 MAIN 2.5V
*IC4017 C0CBCAC00282 PLL 2.5V

PV60H/M/MT ONLY
PV60A ONLY
SUB
JTAG

TH-42PV60A/H/M/MT DG-Board (4 of 8) Schematic Diagram

TH-42PV60A/H/M/MT DG-Board (4 of 8) Schematic Diagram

DG-BOARD (3/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

TO HC-BOARD (HC15)

TO H-BOARD (H2)

TO H-BOARD (H1)

TO PA-BOARD (PA20)

PV60H/M/MT ONLY

PV60A ONLY

TH-42PV60A/H/M/MT DG-Board (3 of 8) Schematic Diagram

TH-42PV60A/H/M/MT DG-Board (3 of 8) Schematic Diagram

DG-BOARD (2/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)

IC1103
MN103SB20RGL
MAIN MICOM

IC1110
C0CBCAD00016
STB 1.5V

IC1111
C0EBY0000041
STB 3.3V
RESET

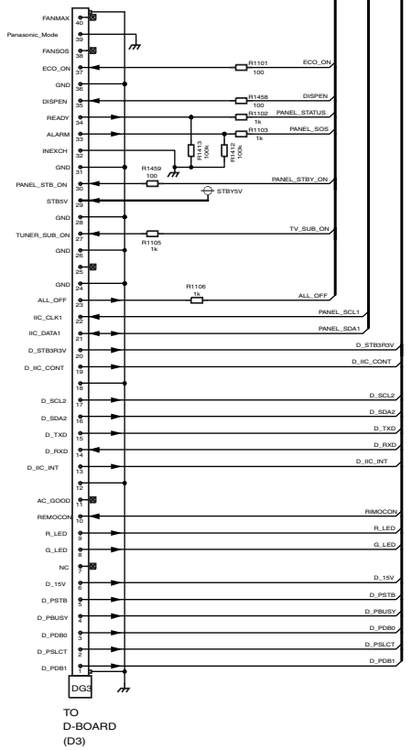
PV60A ONLY

PV60H/M/MT ONLY

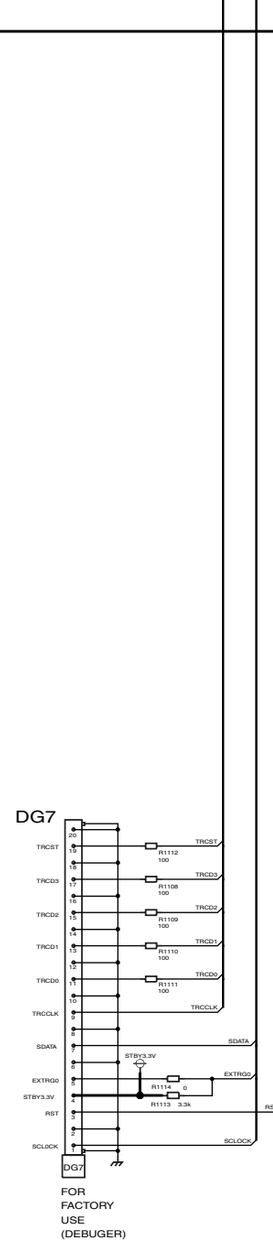
TH-42PV60A/H/M/MT DG-Board (2 of 8) Schematic Diagram

TH-42PV60A/H/M/MT DG-Board (2 of 8) Schematic Diagram

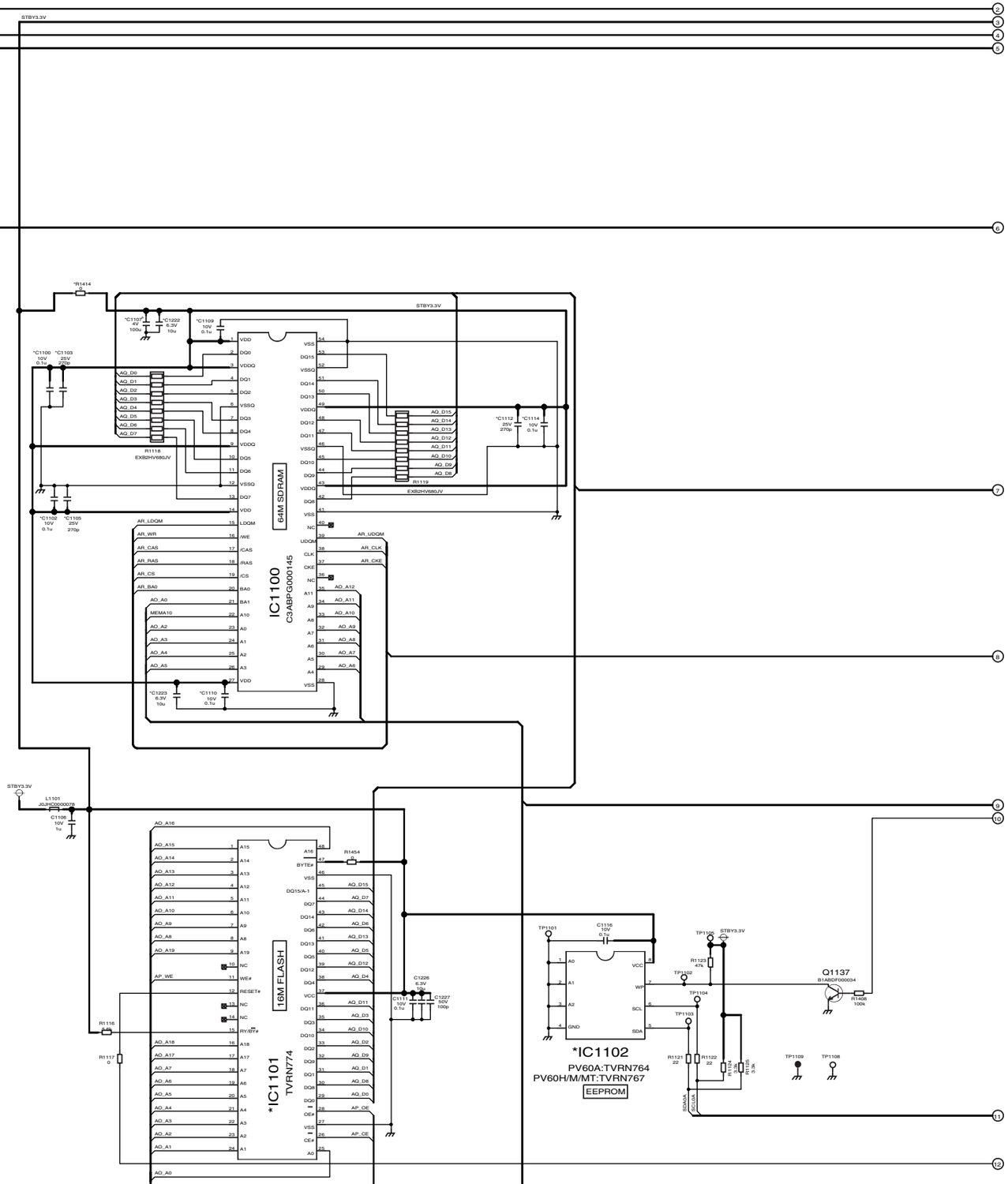
DG-BOARD (1/8)
TNPA3756CP (TH-42PV60A)
TNPA3756CS (TH-42PV60H/M/MT)



TO
D-BOARD
(D3)



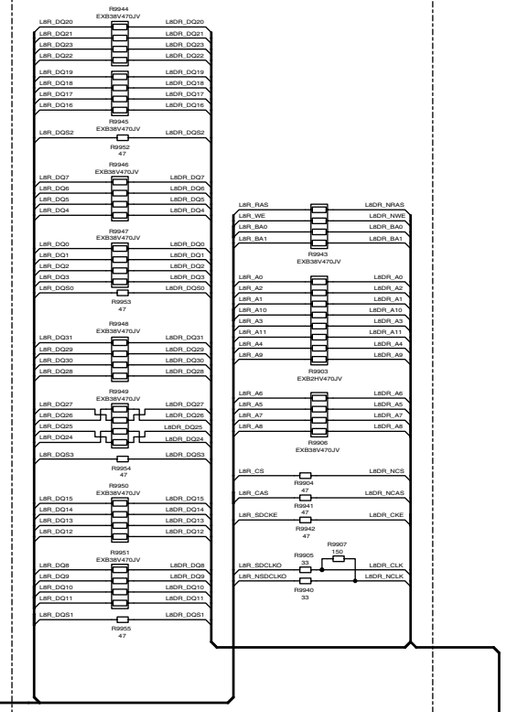
FOR
FACTORY
USE
(DEBUGER)



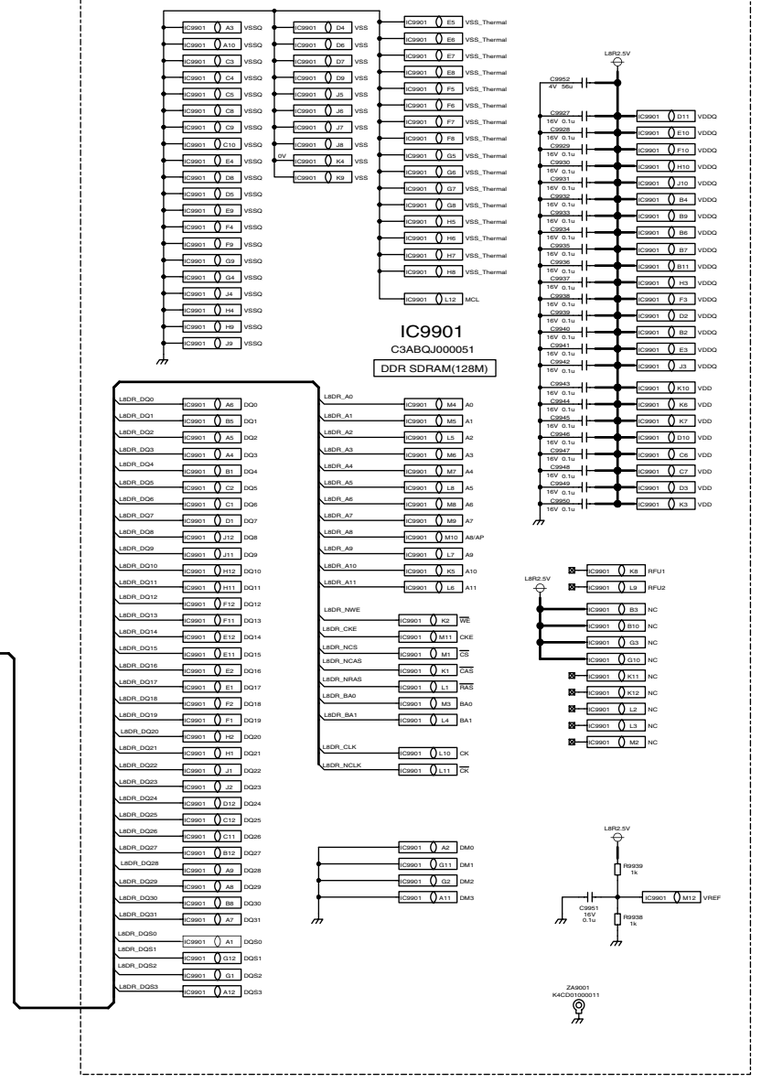
TH-42PV60A/H/M/MT DG-Board (1 of 8) Schematic Diagram

D-BOARD (6/6)
TZTNP01BJTB

DDR-Terminate



DDR-SDRAM



TH-42PV60A/H/M/MT
D-Board (6 of 6) Schematic Diagram

D-BOARD (5/6)
TZTNP01BJTB

IC9900
MN84521-A
FORMAT CONVERTER
RGB PROCESSOR

D31
TO
C1-BOARD
(C11)
DOWN_LEFT

D32
TO
C2-BOARD
(C21)
DOWN_RIGHT

to DDR

TH-42PV60A/H/M/MT D-Board (5 of 6) Schematic Diagram

TH-42PV60A/H/M/MT D-Board (5 of 6) Schematic Diagram

D-BOARD (4/6)
TZTNP01BJTJB

IC9503
C0JBAZ000856
LEVEL CONVERTER

IC9504
C0JBAZ000856
LEVEL CONVERTER

IC9502
C0EBE0000066
RESET

CPG

IC9200
C1ZBZ0003185
CLOCK GENE.

PD1M_ROM

IC9303
37inch:TVRN818
42inch:TVRN819
16M FLASH MEMORY

TH-42PV60A/H/M/MT
D-Board (4 of 6) Schematic Diagram

FPGA

SC_PULSE

FP_CMH	IC9500	M9	IO	CMH
FP_CML	IC9500	N9	LVDS60n	CML
				SIU2
FP_SIU	IC9500	P10	LVDS58n	SIU
FP_CSH	IC9500	P9	LVDS60p	CSH
FP_CL	IC9500	N10	LVDS58p	CL
				SID2
FP_SID	IC9500	R10	LVDS59p	SID
FP_CSL	IC9500	T9	LVDS61p	CSL
FP_CLK	IC9500	M10	VREF1B4	CLK
FP_CEL	IC9500	N8	LVDS62p	CEL
FP_CBK	IC9500	P8	LVDS62n	CBK
FP_SCSU	IC9500	R8	LVDS63p	SCSU
FP_CPH	IC9500	M8	IO	CPH
FP_CEL2	IC9500	T9	LVDS61n	CEL2
				CBK2

LVDS_INPUT

P3.3V — R9529 10k — LVDS_DET — IC9500 F4 IO LVDS_DET

RE_E+	D4	LVDS14p(INIT_DONE)	
RE_E-	C3	LVDS14n	
RD_E+	C2	LVDS13p(CLKUSR)	
RD_E-	B1	LVDS13n	
RC_E+	E2	LVDS10p	
RC_E-	D1	LVDS10n	
RB_E+	F2	LVDS8p	
RB_E-	E1	LVDS8n	
RA_E+	G2	LVDS7p	
RA_E-	F3	LVDS7n	
RCLK_E+	G1	LVDSCLK1p	
RCLK_E-	H1	LVDSCLK1n	
	K1	LVDS6p	
	L1	LVDS6n	
RE_O+	M4	LVDS2p	
RE_O-	N3	LVDS2n	
RD_O+	L2	LVDS5p	
RD_O-	M1	LVDS5n	
RC_O+	N1	LVDS4p	
RC_O-	M2	LVDS4n	
RB_O+	R1	LVDS1p	
RB_O-	P2	LVDS1n	
RA_O+	P3	LVDS0p	
RA_O-	N4	LVDS0n	

TEST PIN

IC9500 F5 DPCLK1

P3.3V — R9530 10k — IC9500 J13 nSTATUS

IIC

P3V_SCL02 — P3V_SDA02

IC9500	T15	LVDS52p	SCL
IC9500	R15	LVDS52n	SDA

MODEL SELECTION

P3.3V — R9506 10k — R9507 10k

IC9500	T11	LVDS59n	MODEL[0]
IC9500	R12	LVDS55n	MODEL[1]

OTHER

FVSEL	IC9500	P15	LVDS50n FVSEL
LVDSBIT	IC9500	N16	LVDS49p LVDSbit
SOS9_CONF	IC9500	R16	LVDS50p Nosync

R9545 300k

LVDS_MODE — IC9500 H16 LVDSCLK2n LVDSmode

INEXCH — R9526 0 — IC9500 N15 LVDS49n INEXCH

IC9500 J3 MSEL0 — IC9500 J2 MSEL1

P3.3V — R9541 10k — R9542 10k

NCS — IC9500 G4 nCSO

DATA0 — IC9500 H2 DATA0

IC9500 K13 CONF_DONE

IC9500 H3 nCONFIG

ASDIO — IC9500 K3 ASDO

IC9500 J4 nCE

DCLK — R9865 10k — IC9500 H4 nCEO

IC9500 K4 DCLK — R9070 47

CONTROL

R9548 10k — R9549 10k — R9550 10k

PSTB	P6	LVDS66p	p_stb
PDB1	M5	DPCLK7	p_db1
PDB0	N5	LVDS67p	p_db0
PSLCT	R6	LVDS66n	p_slct
PBUSY	T6	LVDS65p	p_busy

OSD

IC9500	T4	LVDS69n	OSDB
IC9500	R5	LVDS68p	OSDVD
IC9500	P5	LVDS68n	OSDHD
IC9500	P4	LVDS70n	OSDR
IC9500	R4	LVDS69p	OSDG
IC9500	N6	LVDS67n	OSDCK

IC9500 T2 LVDS71n — IC9500 M3 LVDS3n

NC

IC9500	B3	LVDS16p	IC9500	N2	LVDS3p
IC9500	D2	LVDS11n	IC9500	R2	LVDS71p
IC9500	G3	LVDS9n	IC9500	F3	LVDS9p
IC9500	K2	PLL1_OUTn			
IC9500	L3	IO	IC9500	L5	DPCLK6
IC9500	L4	IO	IC9500	K5	VREF2B1
IC9500	B2	LVDS15p	IC9500	R3	LVDS70p

IC9500 A2 LVDS15n

Flash_Control

LBDO_UC15	IC9500	E9	IO /ROMADRS[00]	LBDO_UC16	IC9500 B9 LVDS26p /ROMADRS[03]
AA_XCE	IC9500	B13	LVDS32n /ROM_CE	LBDO_UB16	IC9500 A9 LVDS26n /ROMADRS[04]
AA_XOE	IC9500	A13	LVDS32p /ROM_OE	LBDO_UA16	IC9500 E8 IO /ROMADRS[05]
LBDO_UA9	IC9500	E11	VREF0B2 /ROMDATA[00]	LBDO_UC17	IC9500 D8 LVDS24p /ROMADRS[06]
LBDO_UC10	IC9500	D11	LVDS30p /ROMDATA[01]	LBDO_UB17	IC9500 C8 LVDS24n /ROMADRS[07]
LBDO_UB10	IC9500	C11	LVDS29n /ROMDATA[02]	LBDO_UA20	IC9500 B6 LVDS20n /ROMADRS[17]
LBDO_UA10	IC9500	B11	LVDS29p /ROMDATA[03]	LBDO_UC21	IC9500 A6 LVDS21p /ROMADRS[18]
LBDO_UC11	IC9500	E10	VREF1B2 /ROMDATA[04]		
LBDO_UB11	IC9500	D10	LVDS27p /ROMDATA[05]	AA_XWE	IC9500 B12 LVDS31n /ROM_WE
LBDO_UA11	IC9500	C10	LVDS27n /ROMDATA[06]	LBDO_UA21	IC9500 C5 LVDS18n /ROMADRS[20]
LBDO_UC12	IC9500	B10	LVDS28p /ROMDATA[07]	LBDO_UB21	IC9500 D5 LVDS19p /ROMADRS[19]
AA_BYTE	IC9500	A11	LVDS28n /ROM_BYTE	LBDO_UA17	IC9500 B8 LVDS23p /ROMADRS[08]
LBDO_UB20	IC9500	C6	LVDS20p /ROMADRS[16]	LBDO_UC18	IC9500 A8 LVDS23n /ROMADRS[09]
LBDO_UB15	IC9500	D9	LVDS25n /ROMADRS[01]	LBDO_UB18	IC9500 E7 IO /ROMADRS[10]
LBDO_UA15	IC9500	C9	LVDS25p /ROMADRS[02]	LBDO_UA18	IC9500 D7 LVDS22n /ROMADRS[11]
LBDO_UA14	IC9500	B5	LVDS18p /ROMADRS[-1]	LBDO_UC19	IC9500 C7 LVDS22p /ROMADRS[12]
				LBDO_UB19	IC9500 B7 LVDS21n /ROMADRS[13]
				LBDO_UA19	IC9500 E6 VREF2B2 /ROMADRS[14]
				LBDO_UC20	IC9500 D6 LVDS19n /ROMADRS[15]

P3.3V — R9523 10k

P3.3V — R9525 10k

GND

IC9500	A1	GND	IC9500	L9	GND
IC9500	T1	GND	IC9500	H10	GND
IC9500	A5	GND	IC9500	K10	GND
IC9500	T5	GND	IC9500	G11	GND
IC9500	F6	GND	IC9500	L11	GND
IC9500	A8	GND	IC9500	A12	GND
IC9500	L6	GND	IC9500	T12	GND
IC9500	G7	GND	IC9500	A16	GND
IC9500	J7	GND	IC9500	T16	GND
IC9500	F8	GND	IC9500	J5	GNDG_PLL1
IC9500	J8	GND	IC9500	J6	GNDA_PLL1
IC9500	K8	GND	IC9500	J11	GNDA_PLL2
IC9500	L8	GND	IC9500	J12	GNDG_PLL2
IC9500	F9	GND	IC9500	F11	GND
IC9500	G9	GND			
IC9500	J9	GND			

VCCI

P3.3V — C9531 6.3V 10u

C9516 16V 0.1u	IC9500	C1	VCCIO1	IC9500	P1 VCCIO1
	IC9500	A3	VCCIO2		
C9517 16V 0.1u	IC9500	T3	VCCIO4		
C9518 16V 0.1u	IC9500	G6	VCCIO1		
	IC9500	F7	VCCIO2		
C9519 16V 0.1u	IC9500	L7	VCCIO4		
	IC9500	F10	VCCIO2		
C9520 16V 0.1u	IC9500	L10	VCCIO4		
	IC9500	K11	VCCIO3		
C9521 16V 0.1u	IC9500	A14	VCCIO2		
	IC9500	T14	VCCIO4		
C9522 16V 0.1u	IC9500	C16	VCCIO3		
	IC9500	P16	VCCIO3		

VCCINT

P1.5V — C9526 6.3V 10u — L9501 JOJHC0000078

C9523 16V 0.1u	IC9500	H6	VCCA_PLL1		
	IC9500	A7	VCCINT		
C9524 16V 0.1u	IC9500	H7	VCCINT		
C9525 16V 0.1u	IC9500	K7	VCCINT		
	IC9500	T7	VCCINT		
C9527 16V 0.1u	IC9500	G8	VCCINT		
C9528 16V 0.1u	IC9500	J8	VCCINT		
	IC9500	H9	VCCINT		
C9529 16V 0.1u	IC9500	J10	VCCINT		
	IC9500	T10	VCCINT		
	IC9500	H11	VCCA_PLL2		

L9502 JOJHC0000078

C9530 16V 0.1u	IC9500	A10	VCCINT
	IC9500	G10	VCCINT
	IC9500	K9	VCCINT

JTAG

P3.3V — R9543 10k — R9544 10k — R9507

TDI_TO_68 — TDO_TO_FPGA — R9956 10k — R9506 22

TDI	IC9500	H14	TDI
TDO	IC9500	H15	TDO
TMS	IC9500	J15	TMS
TCK	IC9500	J14	TCK

RESET

DRVMUTE — DRVRST — NRST — R9552 10k

IC9500	P14	LVDS51p	DRVMUTE
IC9500	R14	LVDS53p	DRVRST
IC9500	F12	DPCLK4	NRST

LSI58

LATCH — R9535 47

FPDAT1 — FPDAT0 — SFVRST — SFRST — R9534 EXB38V470JV — FPCLK — R9535 47

IC9500	A15	LVDS34p	LATCH
IC9500	C12	LVDS31p	FPDATA1
IC9500	D12	LVDS30n	FPDATA0
IC9500	C13	LVDS33p	SFVRST
IC9500	B14	LVDS33n	SFRST
IC9500	E12	DPCLK3	FPCLK

FREE-RUN CLK

IC9500	G16	LVDSCLK2p	PRCKI
IC9500	J16	PLL2_OUTp	PRCK_OUT
IC9500	E5	DPCLK2	
IC9500	J1	PLL1_OUTp	

PICTURE_OUTPUT

L8_R0	IC9500	B15	LVDS34n	M_ROUT0	
L8_R1	IC9500	B16	LVDS36n	M_ROUT1	
L8_R2	IC9500	C14	LVDS35n	M_ROUT2	
L8_R3	IC9500	C15	LVDS36p	M_ROUT3	
L8_R4	IC9500	D13	LVDS35p	M_ROUT4	
L8_R5	IC9500	D14	LVDS37p	M_ROUT5	
L8_R6	IC9500	D15	LVDS38n	M_ROUT6	
L8_R7	IC9500	D16	LVDS39p	M_ROUT7	
L8_R8	IC9500	E13	LVDS37n	M_ROUT8	
L8_R9	IC9500	E14	LVDS38p	M_ROUT9	
L8_G0	IC9500	E15	LVDS39n	M_GOUT0	
L8_G1	IC9500	E16	LVDS40p	M_GOUT1	
L8_G2	IC9500	F13	LVDS41p	M_GOUT2	
L8_G3	IC9500	F14	LVDS41n	M_GOUT3	
L8_G4	IC9500	F15	LVDS40n	M_GOUT4	
L8_G5	IC9500	F16	LVDS42p	M_GOUT5	
L8_G6	IC9500	G12	VREF0B3	M_GOUT6	
L8_G7	IC9500	G13	LVDS43p	M_GOUT7	
L8_G8	IC9500	G14	LVDS43n	M_GOUT8	
L8_G9	IC9500	G15	LVDS42n	M_GOUT9	
L8_B0	IC9500	H12	VREF1B3	M_BOUT0	
L8_B1	IC9500	H13	IO	M_BOUT1	
L8_B2	IC9500	K12	VREF2B3	M_BOUT2	
L8_B3	IC9500	K14	IO	M_BOUT3	
L8_B4	IC9500	K15	PLL2_OUTn	M_BOUT4	
L8_B5	IC9500	K16	LVDS44p	M_BOUT5	
L8_B6	IC9500	L13	LVDS47p	M_BOUT6	
L8_B7	IC9500	L14	LVDS45n	M_BOUT7	
L8_B8	IC9500	L15	LVDS45p	M_BOUT8	
L8_B9	IC9500	L16	LVDS44n	M_BOUT9	
L8_VIN	IC9500	M14	LVDS47n	M_VDO	
L8_HIN — R9531 47	IC9500	M15	LVDS46n	M_HDO	
L8_DCK — R9532 47	IC9500	M16	LVDS46p	M_DCKO	
R9533 47					
ENHMASK	IC9500	M13	LVDS48p	MASK	

DATA_DRIVER

	IC9500	E3	LVDS11p	ODEU
	IC9500	D3	LVDS12p	CLRU
	IC9500	B4	LVDS17p	PCU
	IC9500	A4	LVDS17n	LEU
	IC9500	C4	LVDS16n	PCU2
DD_ODED2	IC9500	R11	LVDS57p	ODED2
DD_ODED1	IC9500	N14	LVDS48n	ODED1
DD_CLRD	IC9500	R13	LVDS54n	CLRD
DD_PCD2	IC9500	P13	LVDS53n	PCD2
DD_PCD1	IC9500	N13	LVDS51n	PCD1
DD_LED	IC9500	T13	LVDS54p	LED

DATA POWER FEEDBACK (NO USE)

	IC9500	P11	LVDS57n	DMLL
	IC9500	N11	LVDS56p	DMHL
				DSLL
				DSHL
	IC9500	N12	LVDS56n	DMLR
	IC9500	M11	VREF0B4	DMHR
				DSLR

WHITE SIGNAL

IC9500 P12 LVDS55p DS_DETO

SS_PULSE

FP_UML	IC9500	N7	LVDS54n	UML
FP_UMH	IC9500	M7	IO	UMH
FP_USL	IC9500	R7	LVDS55n	USL
FP_NUEL	IC9500	M6	VREF2B4	NUEL
FP_UEH	IC9500	T8	LVDS63n	UEL
FP_USH	IC9500	P7	LVDS64p	USH

CLK_INPUT

IC9500	M12	DPCLK6	CLKM_OUT
IC9500	L12	DPCLK5	CLKM_IN

DS_DETO

IC9500

C1ZBZ0002599

LVDS
SYNC PROCESSING
WB ADJ
DISCHARGE CONTROL
FLASH CONTROL
FPGA CONTROL

D-BOARD (3/6)
TZTNP01BJTB

TH-42PV60A/H/M/MT
D-Board (3 of 6) Schematic Diagram

STB3.3V ON/OFF

IC9011
C0EBF0000431
STB 3.3V RESET

IC9003
TVRN805-1
MICOM

IC9002
C0ZBZ0001330
DIGITAL TEMPERATURE SENSOR

IC9001
37inch:TVRN807
42inch:TVRN808
EEPROM

TO DG-BOARD (DG5)

TH-42PV60A/H/M/MT
D-Board (2 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

D-BOARD (1/6)
TZTNP01BJTB

TO P-BOARD (P25) — D25

TO DG-BOARD (DG3) — D3

TO SC-BOARD (SC20) — D20

FOR FACTORY USE — D6

IC9807
C0DBAYY00054
DC-DC CONVERTER 15V → 3.3V

IC9800
C0DBAYY00054
DC-DC CONVERTER 15V → 1.2V

IC9806
C0DBAHD00011
AVR 5V

IC9809
C0DBAYY00054
DC-DC CONVERTER 15V → 2.5V

IC9801
C0DBZFG00066
AVR P1.5V

IC9007
TVRN813
PROM(FPGA)

IC9802
C0JBAZ000856
LEVEL CONVERTER

IC9803
C0JBAZ000856
LEVEL CONVERTER

Q9803 B1MBEDA00015 — D9812 B0JCME000037
Q9800 B1MBEDA00015 — D9800 B0JCME000037
Q9801 SP8K2TB — D9814 B0JCME000037
Q9805 B1ABCF000138
Q9806 B1ABCF000138
Q9010 B1ABCF000138

D9810 B0JCCE000002
D9811 MA2J72800L
D9802 MA2J728000L
D9807 MA3X152K0L
D9808 MA3X150K0L
D9824 MA3X152K0L

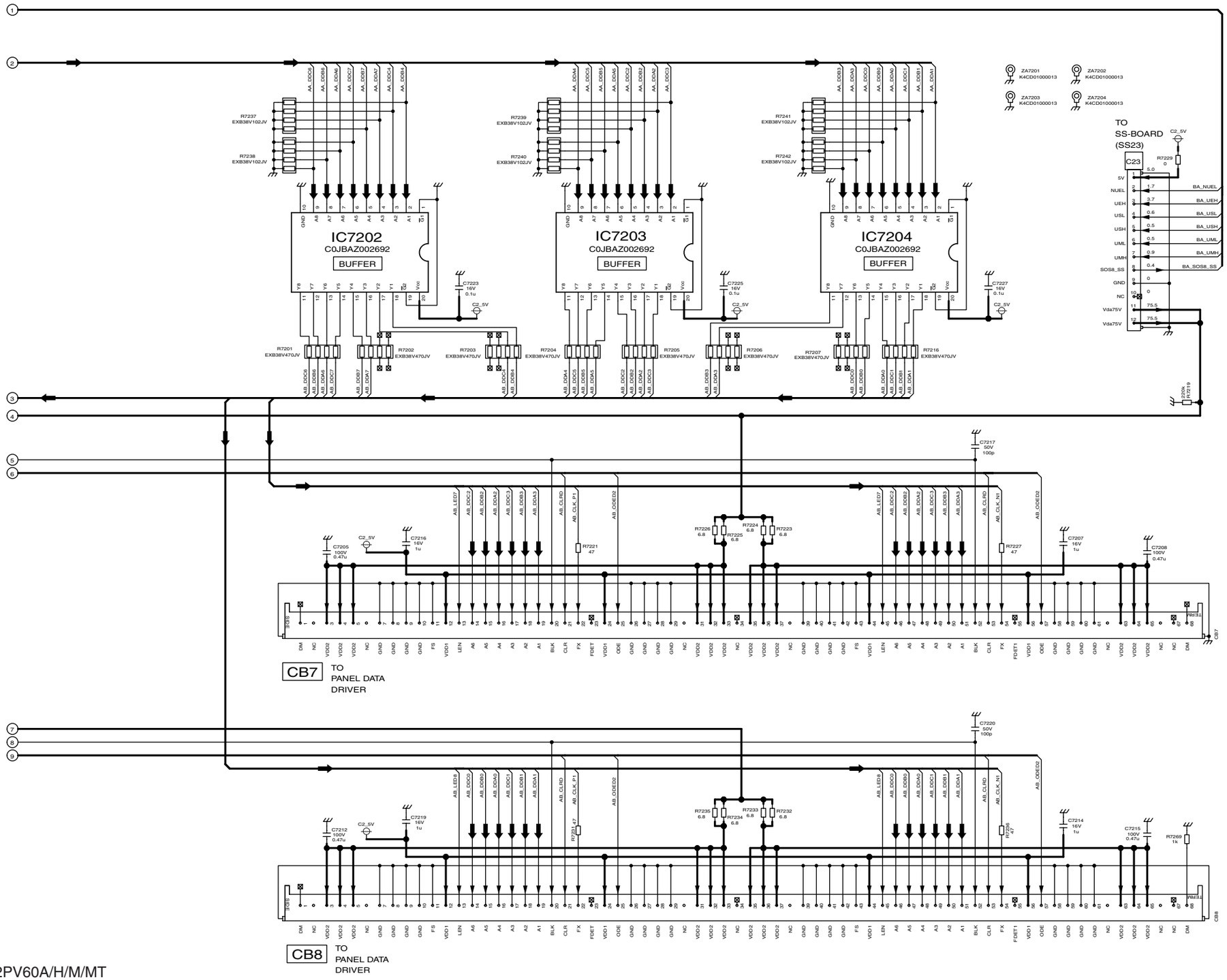
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L9802 G1C2R2SMA0241
L9801 G1C2R2SMA0241
L9810 J0JHC0000045

FL9803 J0HABH000012
FL9804 J0HABH000012
FL9805 J0HABH000013
FL9806 J0HABH000013
FL9800 J0HABH000013
FL9807 J0HABH000013
FL9801 J0HABH000013

RA9800 K5H4022A0023
RA9845 EXB28HV470JV
RA9846 EXB28HV470JV
RA9847 EXB28HV472JV
RA9859 EXB38V101JV
RA9854 EXB38V100JV

TH-42PV60A/H/M/MT
D-Board (1 of 6) Schematic Diagram

C2-BOARD TNPA3813 (2/2)



TH-42PV60A/H/M/MT
C2-Board (2 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
C2-Board (2 of 2) Schematic Diagram

C2-BOARD TNPA3813 (1/2)

TO
D-BOARD
(D32)
C21

C22
TO
C1-BOARD
(C12)

CB5 TO
PANEL DATA
DRIVER

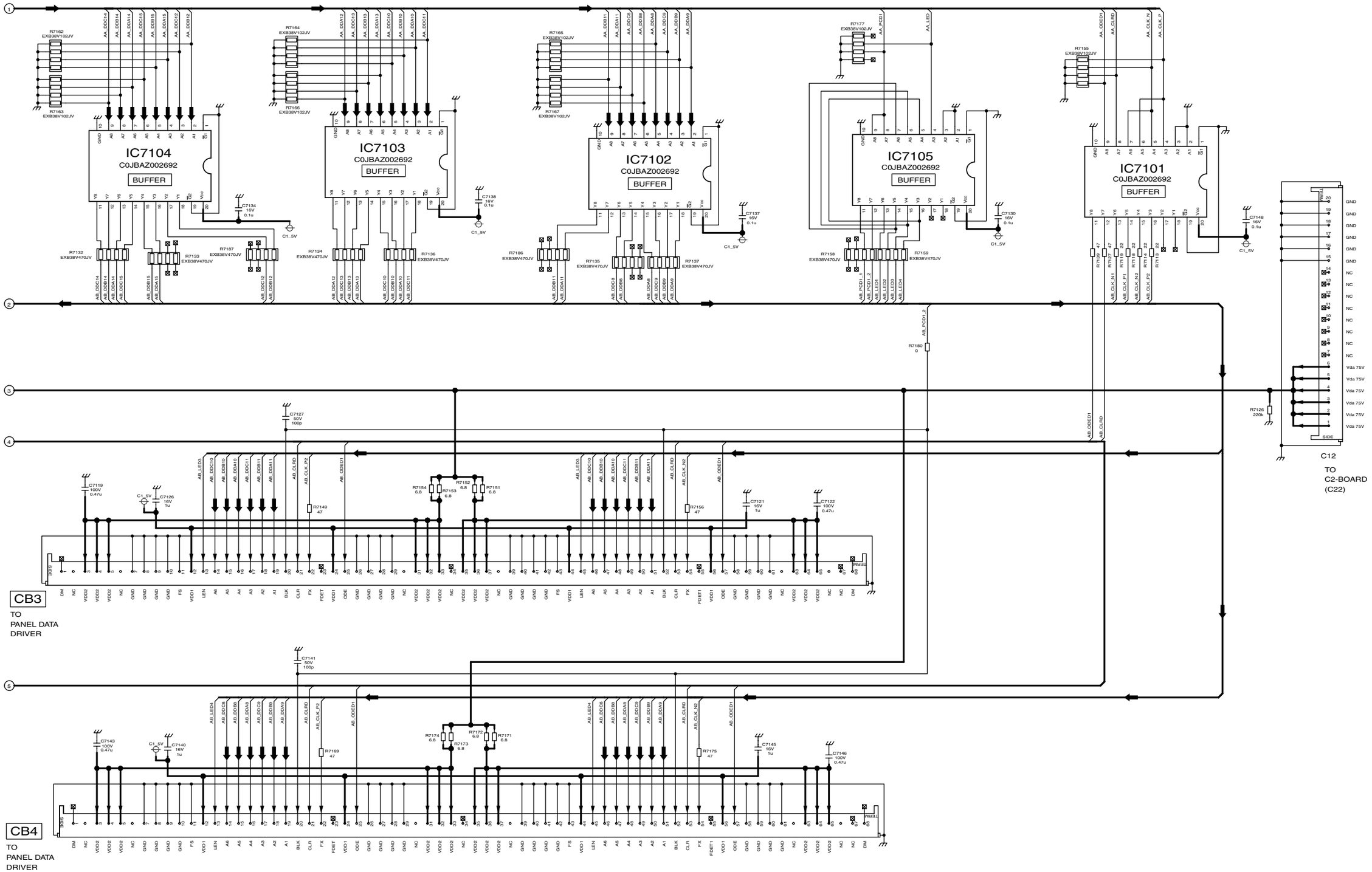
CB6 TO
PANEL DATA
DRIVER

IC7201
C0JBAZ002692
BUFFER

IC7205
C0JBAZ002692
BUFFER

TH-42PV60A/H/M/MT
C2-Board (1 of 2) Schematic Diagram

C1-BOARD TNPA3812 (2/2)



TH-42PV60A/H/M/MT
C1-Board (2 of 2) Schematic Diagram

TH-42PV60A/H/M/MT
C1-Board (2 of 2) Schematic Diagram

C1-BOARD TNPA3812 (1/2)

TO
D-BOARD
(D31)

C11

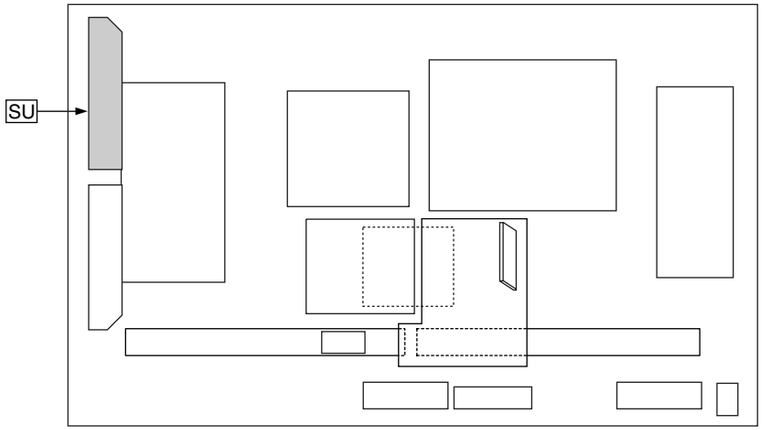
CB1
TO
PANEL DATA
DRIVER

CB2
TO
PANEL DATA
DRIVER

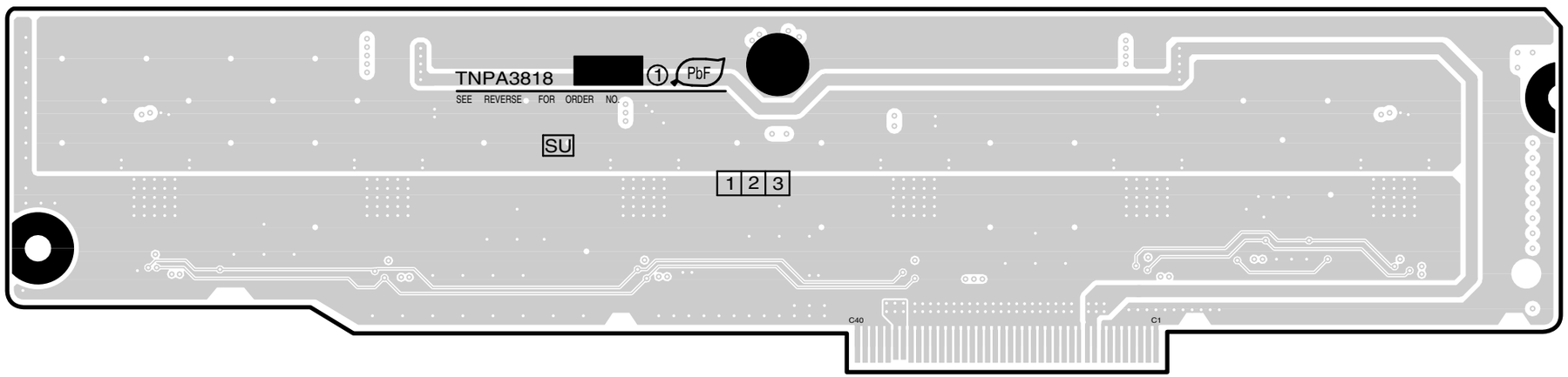
TH-42PV60A/H/M/MT
C1-Board (1 of 2) Schematic Diagram

Parts Location

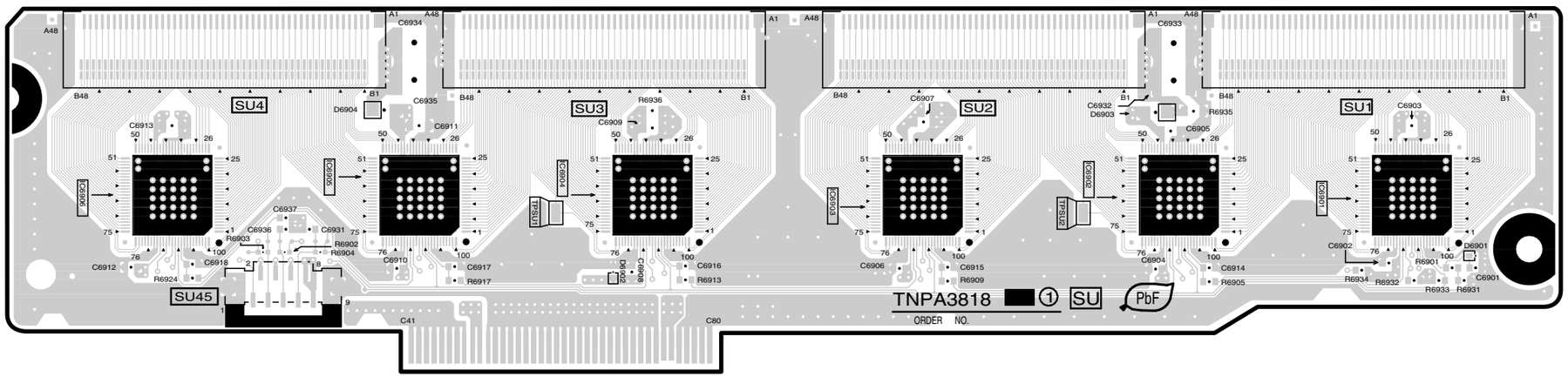
SU-BOARD	
IC	
IC6901	G-2
IC6902	F-2
IC6903	E-2
IC6904	D-1
IC6905	C-2
IC6906	B-2



SU-BOARD (FOIL SIDE)
TNPA3818



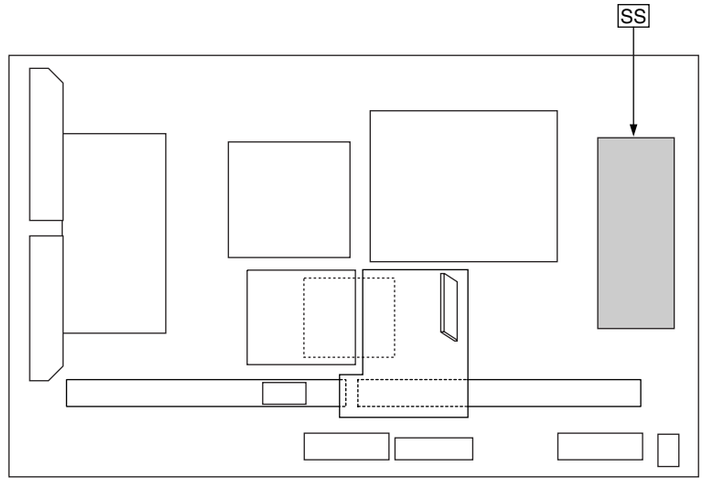
SU-BOARD (COMPONENT SIDE)
TNPA3818



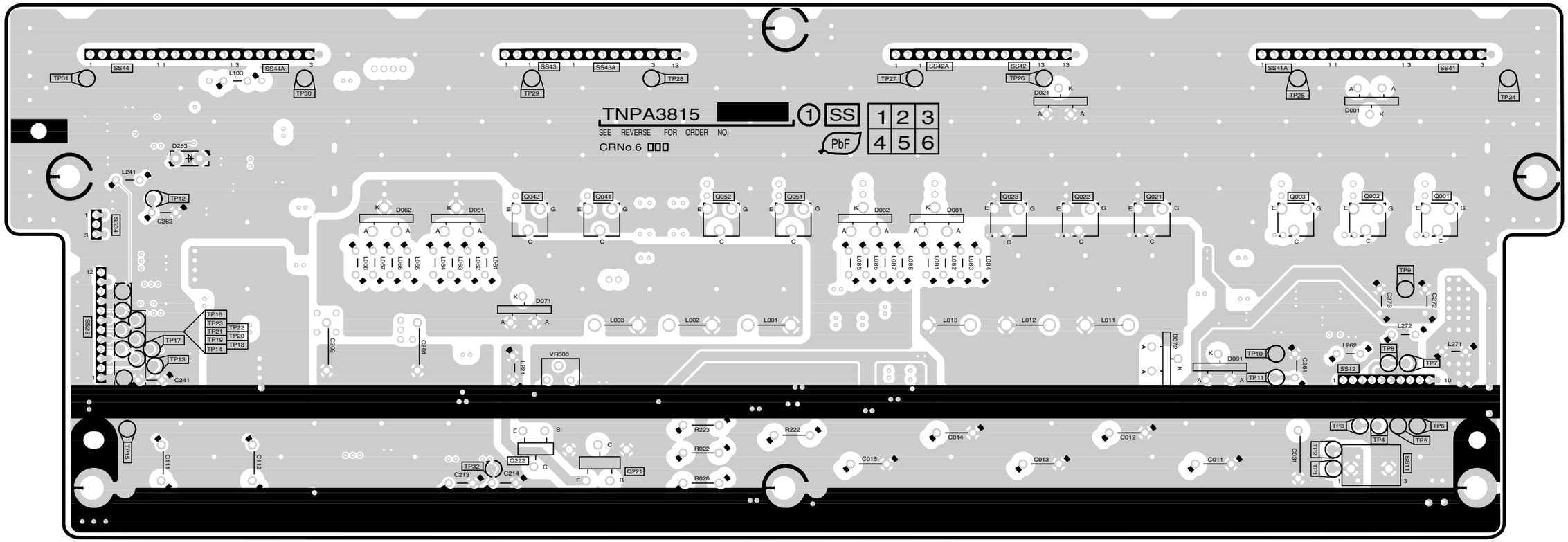
TH-42PV60A/H/M/MT
SU-BOARD TNPA3818

Parts Location

SS-BOARD (FOIL SIDE)							
TRANSISTOR		**TP**				**VOLUME**	
Q6001	H-3	TP1	H-1	TP16	B-2	VR6000	D-2
Q6002	H-3	TP2	H-2	TP17	B-2		
Q6003	H-3	TP3	H-2	TP18	B-2		
Q6021	G-3	TP4	H-2	TP19	B-2		
Q6022	F-3	TP5	H-2	TP20	B-2		
Q6023	F-3	TP6	H-2	TP21	B-2		
Q6041	D-3	TP7	H-2	TP22	B-2		
Q6042	D-3	TP8	H-2	TP23	B-2		
Q6051	E-3	TP9	H-2	TP24	I-3		
Q6052	E-3	TP10	G-2	TP25	H-3		
Q6221	D-1	TP11	G-2	TP26	F-3		
Q6222	D-2	TP12	B-3	TP27	F-3		
		TP13	B-2	TP28	D-3		
		TP14	B-2	TP29	D-3		
		TP15	A-2	TP30	B-3		
				TP31	A-3		
				TP32	C-1		



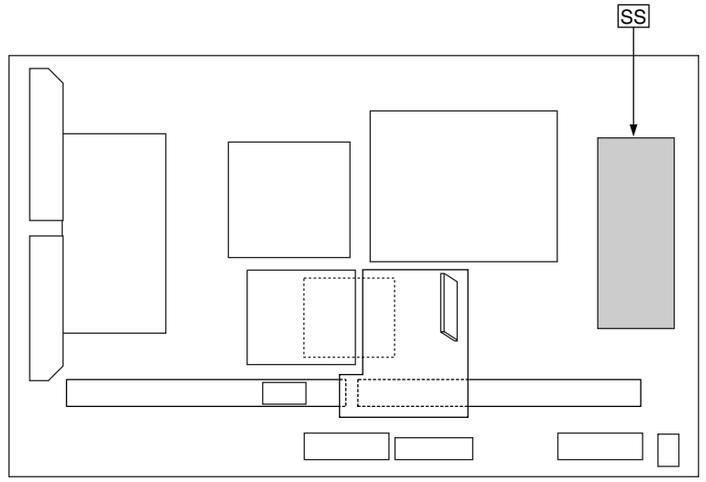
SS-BOARD (FOIL SIDE)
TNPA3815



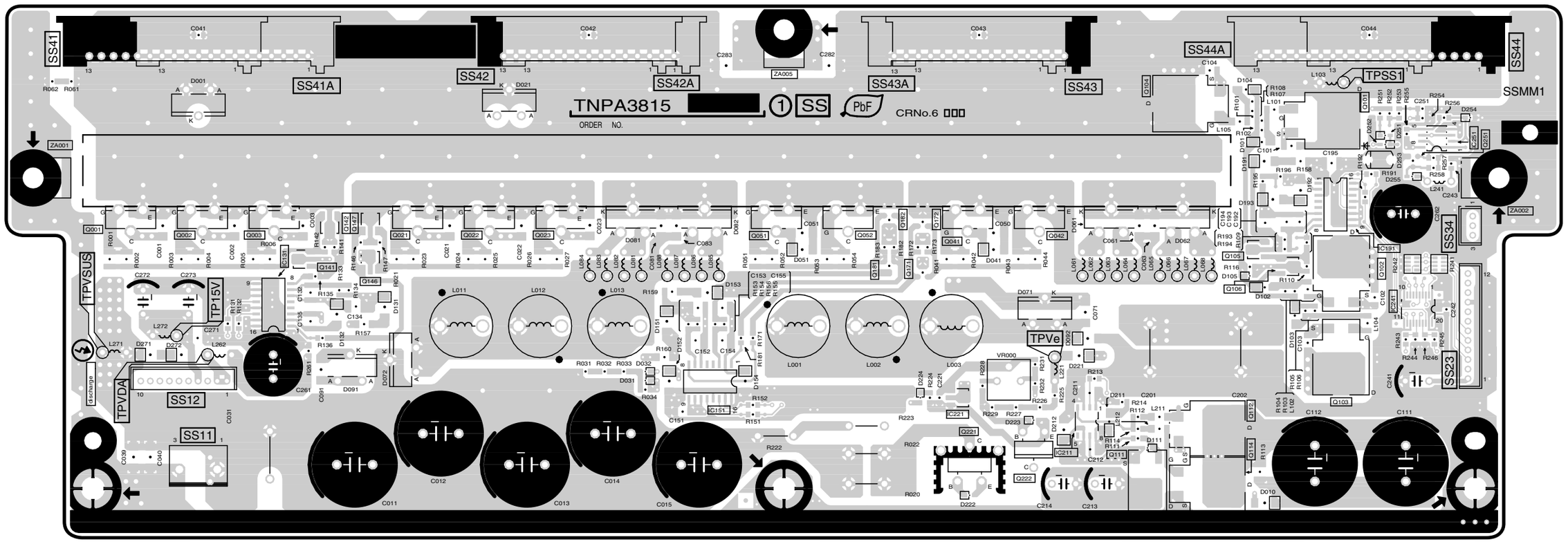
TH-42PV60A/H/M/MT
SS-BOARD TNPA3815

Parts Location

SS-BOARD (COMPONENT SIDE)							
IC		**TRANSISTOR**		Q6111	G-2	**TP**	
IC6131	B-3	Q6001	A-3	Q6112	G-2	TP15V	B-2
IC6151	E-2	Q6002	B-3	Q6114	G-2	TPSS1	H-4
IC6191	H-3	Q6003	B-3	Q6141	C-3	TPVDA	A-2
IC6211	F-2	Q6021	C-3	Q6142	C-3	TPVe	F-2
IC6221	F-2	Q6022	C-3	Q6146	C-2	TPVSUS	A-2
IC6241	H-2	Q6023	D-3	Q6147	C-3	**VOLUME**	
IC6251	I-3	Q6041	F-3	Q6171	F-3	VR6000	F-2
		Q6042	F-3	Q6172	F-3		
		Q6051	E-3	Q6181	E-3		
		Q6052	E-3	Q6182	F-3		
		Q6101	H-3	Q6221	F-2		
		Q6102	H-3	Q6222	F-1		
		Q6103	H-2	Q6251	H-3		
		Q6104	G-3				
		Q6105	G-3				
		Q6106	G-2				



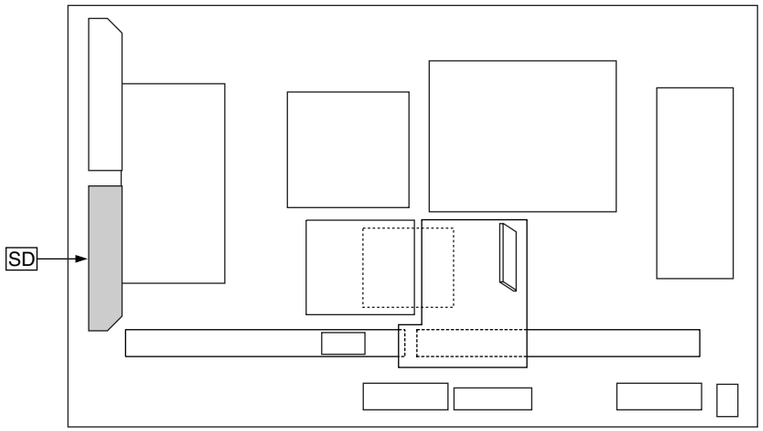
SS-BOARD (COMPONENT SIDE)
TNPA3815



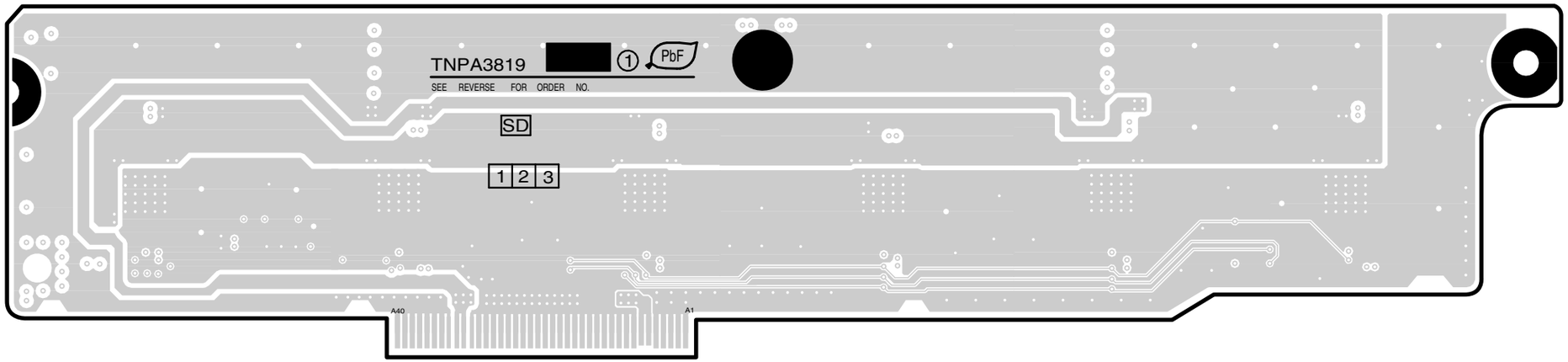
TH-42PV60A/H/M/MT
SS-BOARD TNPA3815

Parts Location

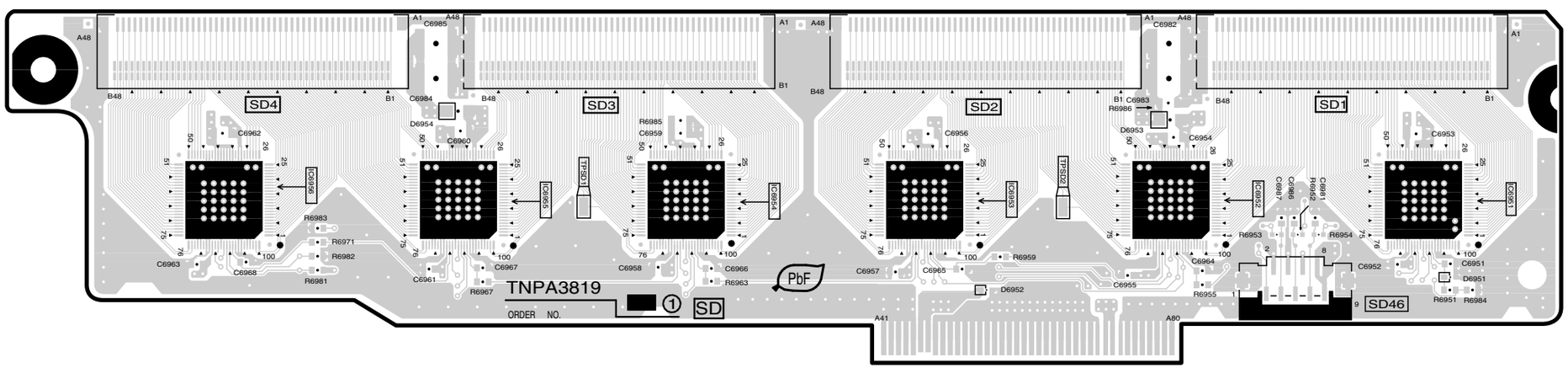
SD-BOARD	
IC	
IC6951	G-2
IC6952	F-2
IC6953	E-2
IC6954	D-1
IC6955	C-2
IC6956	B-2



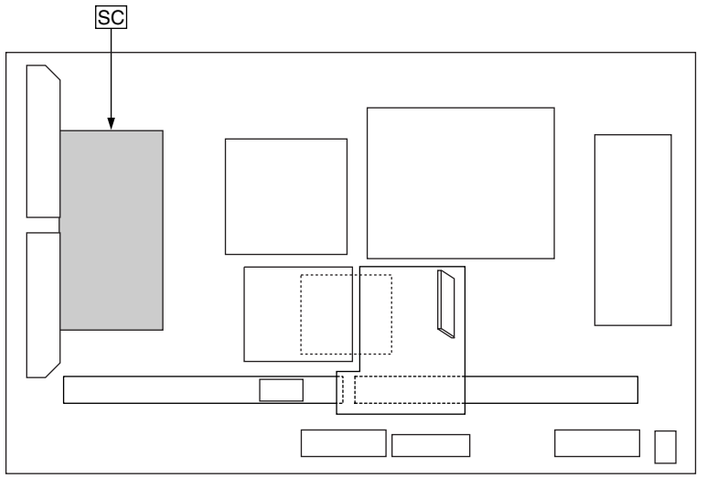
SD-BOARD (FOIL SIDE)
TNPA3819



SD-BOARD (COMPONENT SIDE)
TNPA3819



TH-42PV60A/H/M/MT
SD-BOARD TNPA3819



Parts Location

SC-BOARD (FOIL SIDE)

TRANSISTOR		TP	
Q6401	B-4	TP1	A-1
Q6402	B-4	TP2	B-1
Q6403	C-4	TP4	B-2
Q6421	D-4	TP5	B-2
Q6422	D-4	TP6	C-1
Q6423	D-4	TP7	C-1
Q6441	E-2	TP8	B-2
Q6442	D-2	TP9	B-2
Q6451	C-2	TP10	F-2
Q6452	C-2	TP11	F-2
Q6661	F-4	TP12	G-1
Q6801	H-1	TP13	G-1
Q6821	E-3	TP14	E-2
Q6822	F-3	TP15	F-2
Q6841	H-3	TP16	G-1
Q6842	H-3	TP17	G-1
		TP18	F-2
		TP19	F-1
		TP20	F-2
		TP21	E-1
		TP22	F-2
		TP23	F-1
		TP24	F-1
		TP25	F-1
		TP26	E-1
		TP27	F-1
		TP28	H-2
		TP29	H-5
		TP30	A-5
		TP31	H-4
		TP32	E-5
		TP33	B-3
		TP34	E-1
		TP35	E-3
		TP38	F-1
		TP39	E-1
		TP40	D-5
		TP41	D-5
		TP42	C-5
		TP43	C-5
		TP44	B-6
		TP45	C-5
		TP46	F-5
		TP47	F-5
		TP48	F-6
		TP49	F-6
		TP50	H-6
		TP51	G-6
		TP52	E-1
		TP53	G-4
		TP54	C-6
		TP55	C-6
		TP56	C-6
		TP57	B-6
		TP58	B-6
		TP59	G-6
		TP60	G-6
		TP61	G-6
		TP62	G-6
		TP63	G-6
		TP64	F-3

VOLUME	
VR6600	G-2
VR6601	E-5
VR6602	F-5

Parts Location

SC-BOARD (COMPONENT SIDE)

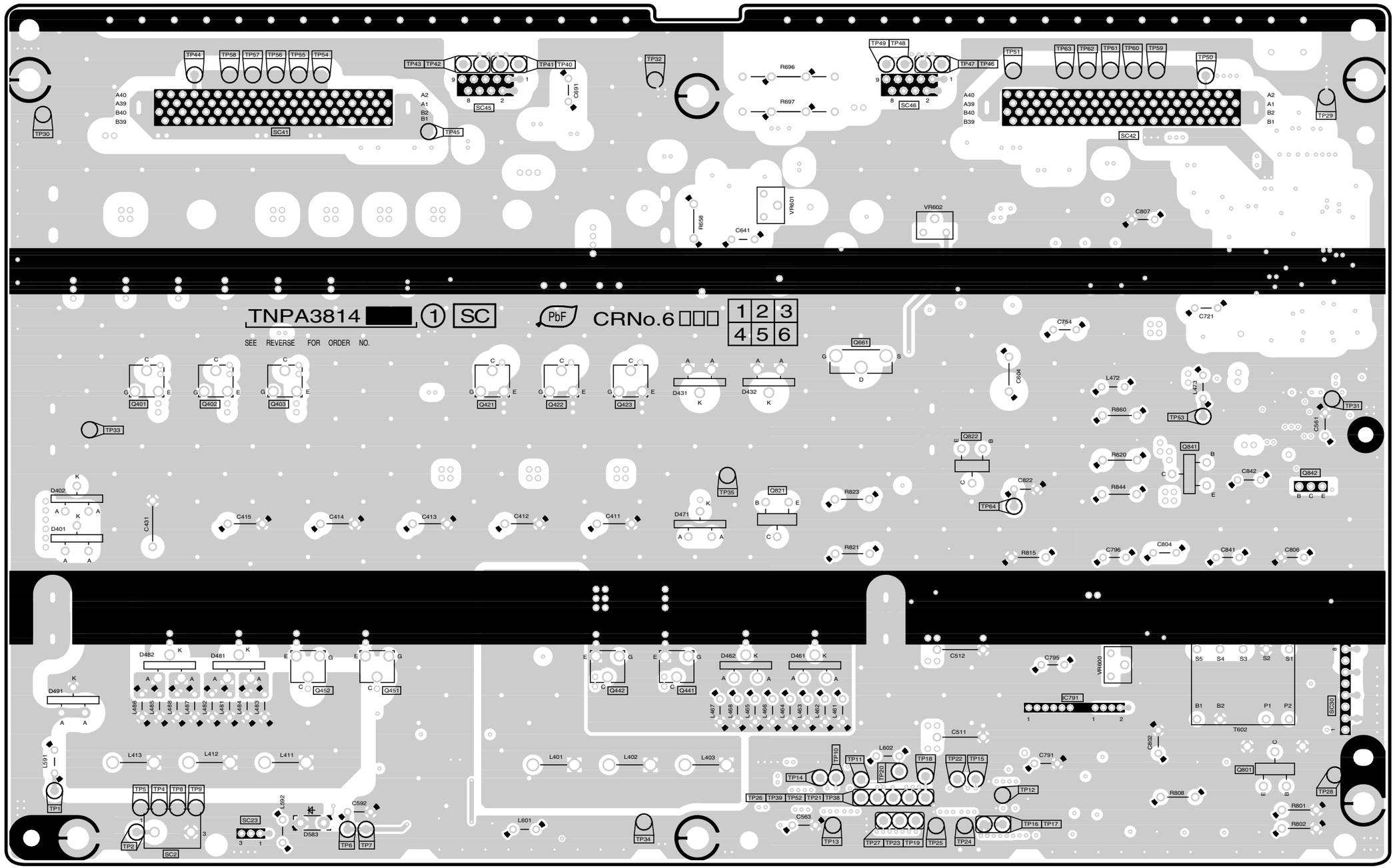
IC		PHOTO COUPLER	
IC6471	B-4	PC6480	A-4
IC6472	B-4	PC6701	A-4
IC6501	G-4	PC6702	A-4
IC6521	F-2	PC6703	A-4
IC6561	C-1	PC6704	C-4
IC6562	D-2	PC6705	B-4
IC6581	F-1	PC6760	C-4
IC6601	E-5	PC6801	B-2
IC6602	A-4	PC6861	B-3
IC6610	B-5	PC6871	C-1
IC6671	D-4		
IC6681	D-5		
IC6682	A-4		
IC6721	A-5		
IC6722	A-4		
IC6724	C-5		
IC6725	C-5		
IC6751	C-4		
IC6752	C-4		
IC6753	C-4		
IC6771	C-5		
IC6772	C-5		
IC6773	C-5		
IC6774	C-4		
IC6791	C-2		
IC6801	C-2		
IC6802	C-2		
IC6821	C-3		
IC6841	A-3		
IC6861	B-5		
IC6871	B-2		

TRANSISTOR	
Q6401	H-4
Q6402	H-4
Q6403	G-4
Q6421	F-4
Q6422	F-4
Q6423	E-4
Q6441	E-2
Q6442	E-2
Q6451	G-2
Q6452	G-2
Q6471	B-3
Q6511	G-4
Q6512	G-4
Q6516	F-4
Q6517	F-4
Q6531	F-2
Q6532	F-2
Q6551	F-2
Q6552	G-2
Q6581	F-1
Q6601	E-5
Q6602	D-5
Q6621	F-4
Q6622	G-4
Q6641	F-5
Q6642	F-5
Q6643	F-5
Q6644	G-5
Q6645	G-5
Q6646	G-5
Q6647	H-5
Q6648	H-5
Q6661	D-4
Q6662	C-5
Q6663	C-4
Q6671	E-4
Q6672	F-4
Q6680	E-4
Q6681	D-5
Q6682	D-5
Q6691	D-5
Q6742	A-5
Q6743	B-5
Q6744	A-5
Q6762	F-4
Q6781	F-5
Q6782	F-5
Q6791	B-2
Q6801	B-1
Q6802	B-1
Q6803	B-2
Q6804	B-1
Q6821	D-3
Q6822	D-3
Q6824	C-3
Q6841	B-3
Q6842	A-3

TP	
TP15V	G-1
TPSC1	D-6
TPSOS6	F-1
TPSOS7	D-2
TPVAD	C-4
TPVSCN	C-4
TPVSET	C-3
TPVSET2	B-4
TPVSUS	H-1

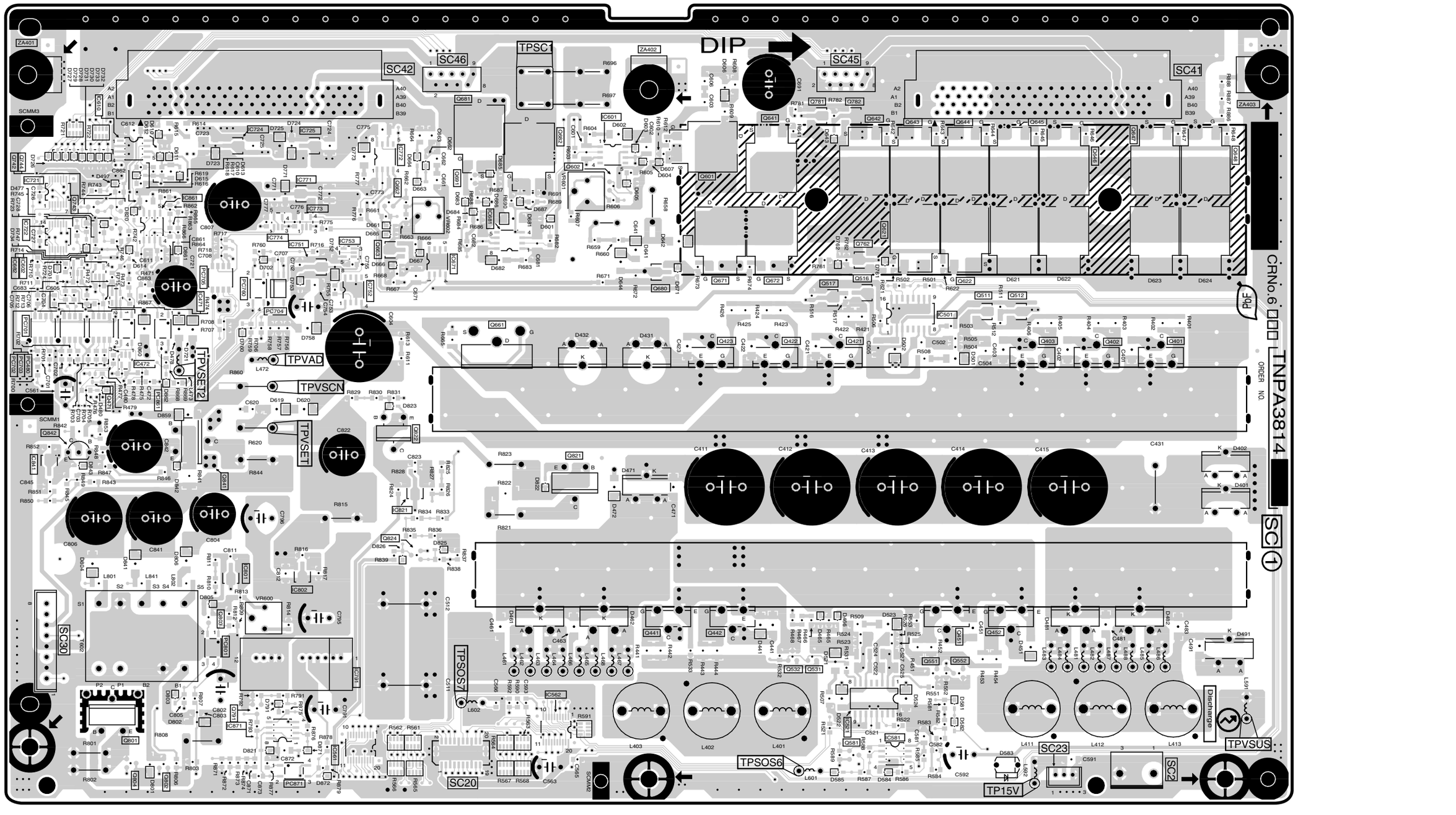
VOLUME	
VR6600	C-2
VR6601	D-4
VR6602	D-5

SC-BOARD (FOIL SIDE)
TNPA3814



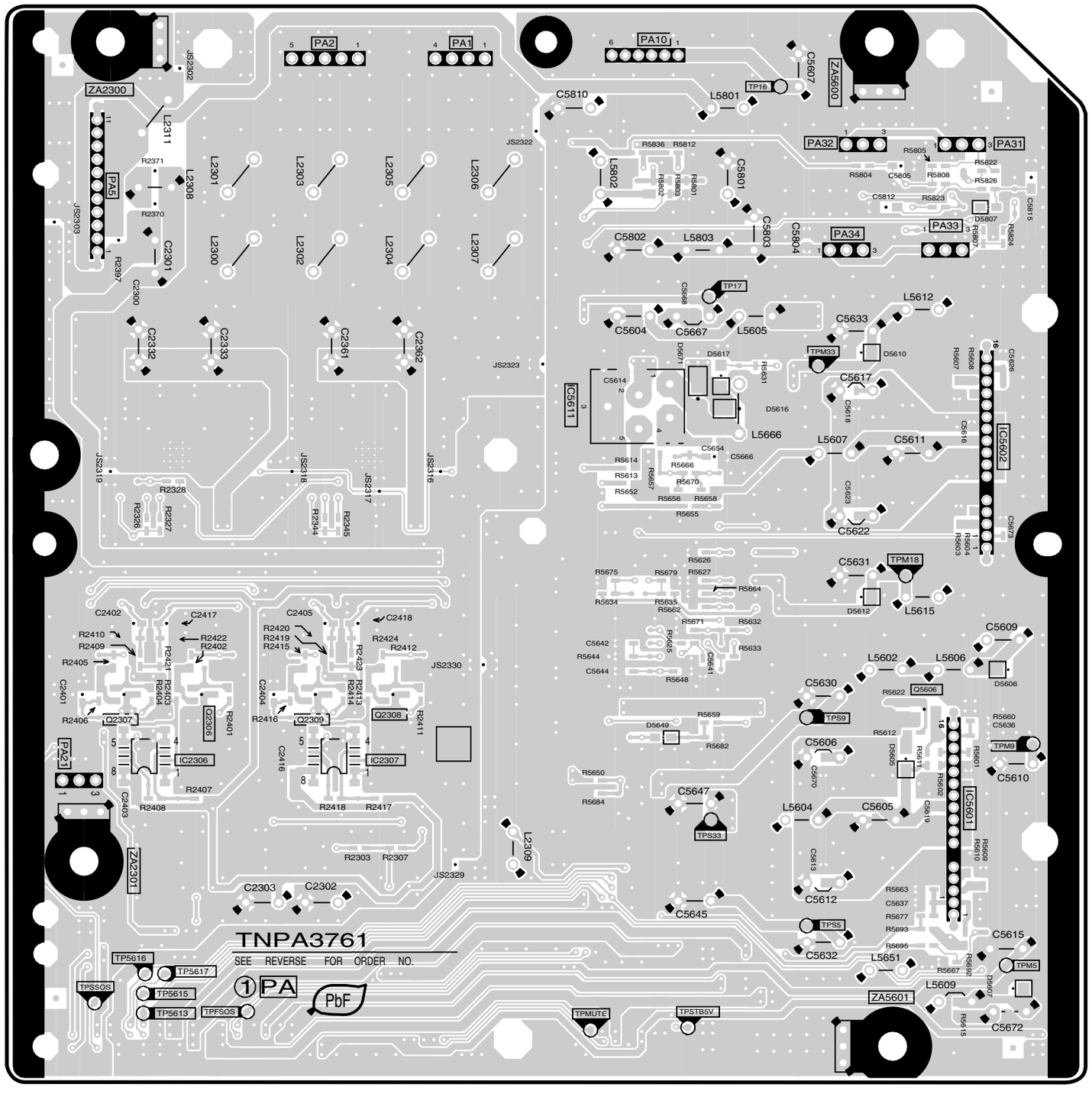
TH-42PV60A/H/M/MT
SC-BOARD TNPA3814

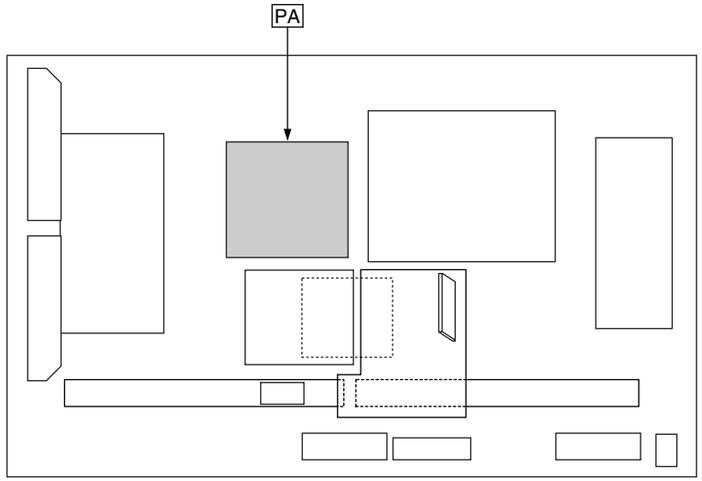
SC-BOARD (COMPONENT SIDE)
TNPA3814



TH-42PV60A/H/M/MT
SC-BOARD TNPA3814

PA-BOARD (FOIL SIDE)
TNPA3761AC



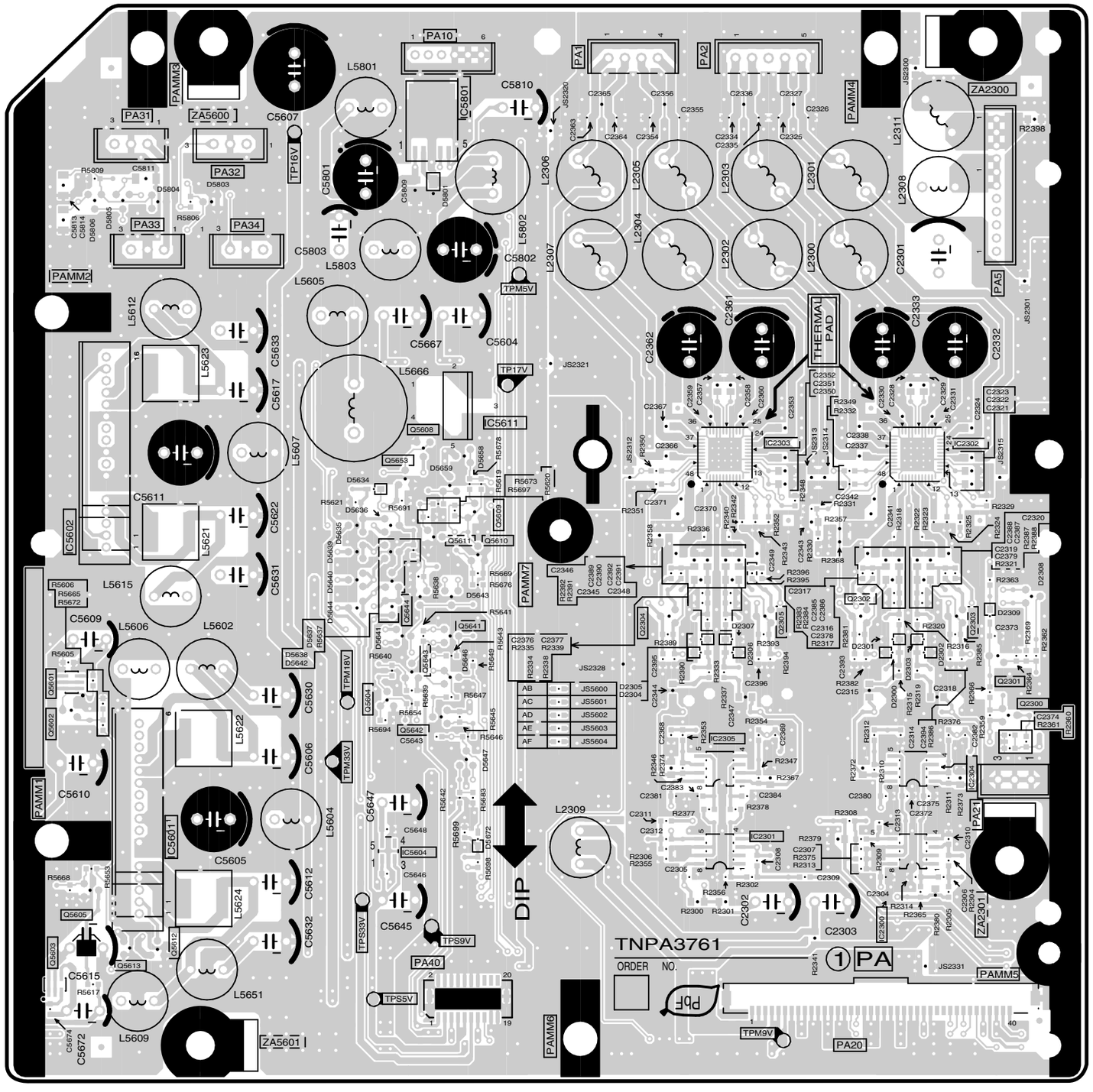


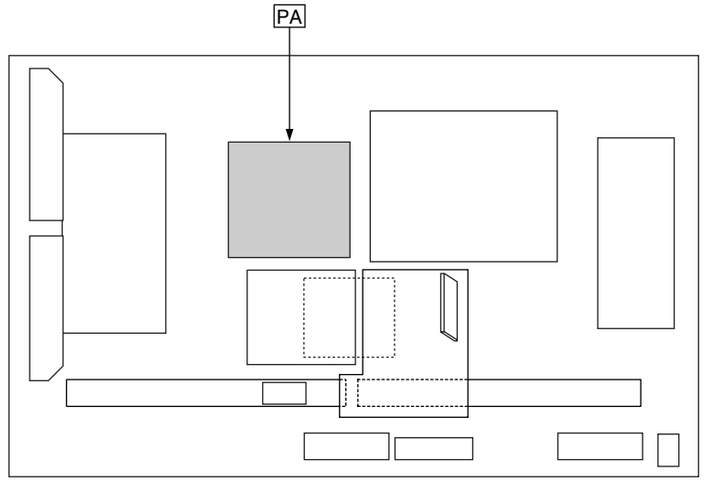
Parts Location

PA-BOARD (FOIL SIDE)					
IC		TRANSISTOR		TP	
IC2306	B-2	Q2306	B-3	TP16	D-6
IC2307	C-2	Q2307	A-2	TP17	D-5
IC5601	E-2	Q2308	C-3	TP5613	B-1
IC5602	F-4	Q2309	B-3	TP5615	B-1
IC5611	D-4	Q5606	E-3	TP5616	A-1
				TP5617	B-1
				TPFSOS	B-1
				TPM5	F-2
				TPM9	F-2
				TPM18	E-3
				TPM33	E-4
				TPMUTE	D-1
				TPS5	E-2
				TPS9	E-3
				TPS33	D-2
				TPSSOS	A-1
				TPSTB5V	D-1

TH-42PV60A/H/M/MT
PA-BOARD TNPA3761AC

PA-BOARD (COMPONENT SIDE)
TNPA3761AC

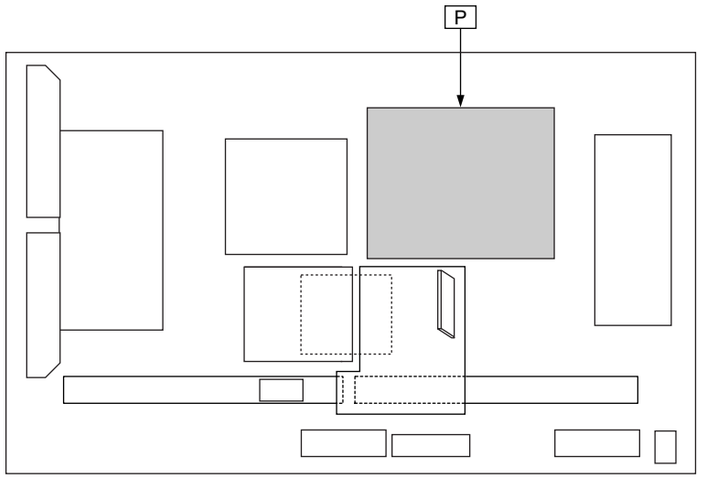




Parts Location

PA-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC2300	E-2	Q2300	F-3	TP16V	B-5
IC2301	D-2	Q2301	F-3	TP17V	C-4
IC2302	E-4	Q2302	E-2	TPM5V	C-5
IC2303	E-4	Q2303	E-3	TPN18V	B-3
IC2304	E-2	Q2304	D-3	TPM33V	B-2
IC2305	D-3	Q2305	E-3	TPS5V	C-1
IC5601	B-2	Q5601	A-3	TPS9V	C-2
IC5602	A-3	Q5602	A-3	TPS33V	C-2
IC5604	C-2	Q5603	A-1		
IC5611	C-4	Q5604	C-3		
IC5801	C-5	Q5605	A-2		
		Q5608	C-4		
		Q5609	C-4		
		Q5610	C-3		
		Q5611	C-3		
		Q5612	B-1		
		Q5613	A-1		
		Q5641	C-3		
		Q5642	C-3		
		Q5643	C-3		
		Q5644	C-3		
		Q5653	C-4		

TH-42PV60A/H/M/MT
PA-BOARD TNPA3761AC



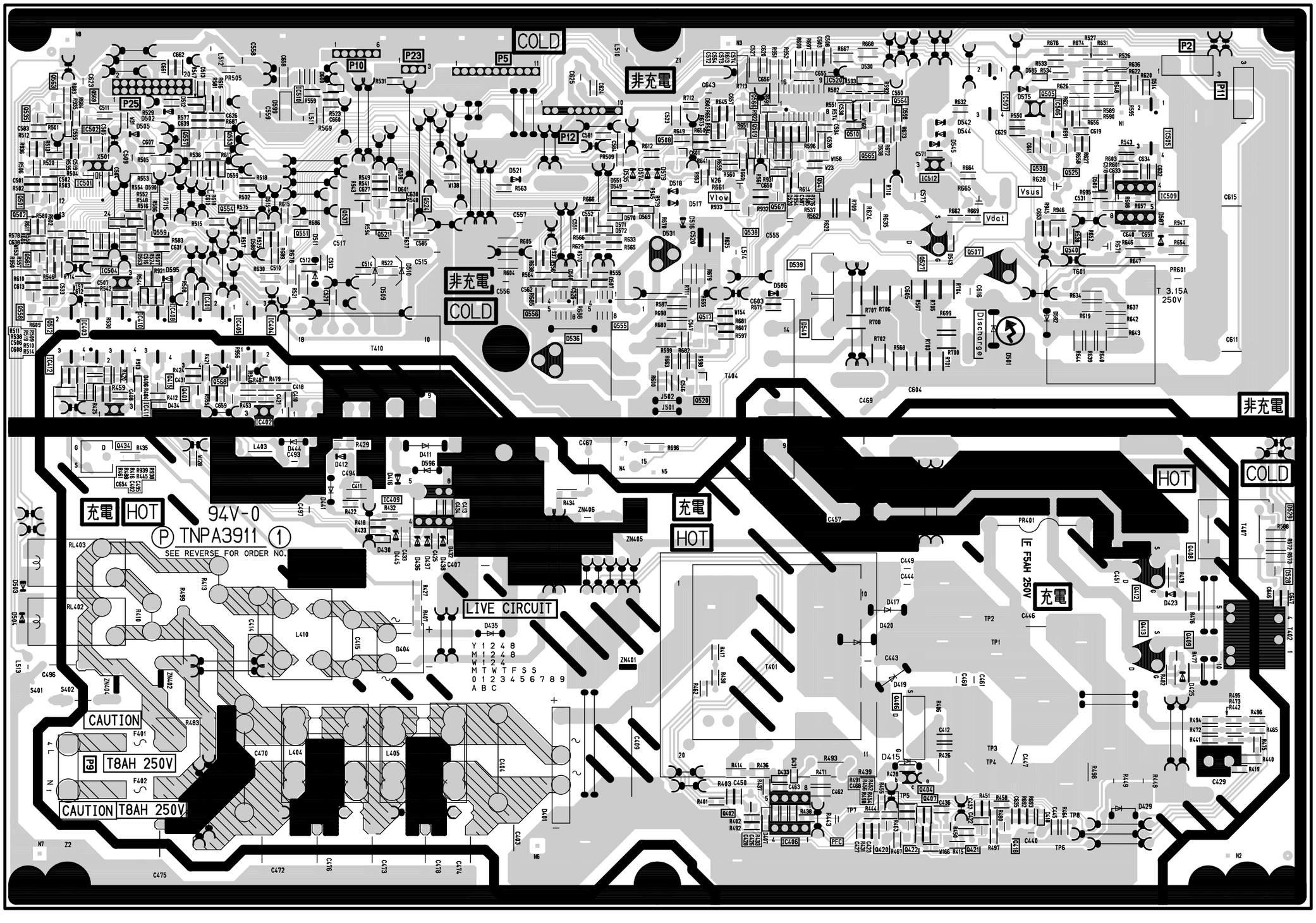
Parts Location

P-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**		Q535	A-5
IC401	B-4	Q401	B-4	Q537	C-5
IC402	C-4	Q402	E-1	Q538	E-5
IC403	B-4	Q404	F-1	Q540	G-5
IC404	C-4	Q406	F-2	Q541	F-5
IC405	C-4	Q407	F-1	Q551	C-5
IC406	F-1	Q408	H-3	Q553	B-5
IC408	B-4	Q409	H-2	Q554	B-5
IC409	C-3	Q412	H-3	Q555	E-4
IC410	B-4	Q413	H-2	Q556	D-4
IC411	B-4	Q415	B-4	Q557	B-5
IC412	A-4	Q418	G-1	Q558	A-4
IC501	B-5	Q420	F-1	Q559	B-5
IC502	B-5	Q421	G-1	Q561	A-5
IC504	B-4	Q422	F-1	Q563	A-6
IC505	H-5	Q434	B-4	Q564	F-6
IC506	G-5	Q501	A-5	Q565	F-5
IC507	G-6	Q502	A-5	Q566	E-6
IC509	H-5	Q505	G-6	Q567	F-5
IC510	C-6	Q507	G-5	Q568	B-4
IC512	F-5	Q508	E-5	Q569	B-6
IC520	F-6	Q509	E-5	**VOLUME**	
		Q510	F-5	R443	F-1
		Q512	A-4	R628	G-5
		Q517	E-4	R661	E-5
		Q520	E-4	R665	G-5
		Q521	C-5	R671	G-4
		Q524	D-5		
		Q525	G-5		
		Q527	F-5		
		Q530	G-5		

Parts Location

P-BOARD (COMPONENT SIDE)					
IC		**TRANSITOR**		**VOLUME**	
IC402	G-4	Q404	C-2	R443	D-1
IC406	D-1	Q406	D-2	R628	C-5
IC409	F-3	Q412	B-3	R661	D-5
IC411	H-4	Q413	B-2	R665	C-5
IC504	H-4	Q434	H-3	R671	B-5
IC509	B-5	Q505	C-5		
IC512	C-5	Q507	C-5		
		Q527	C-5		

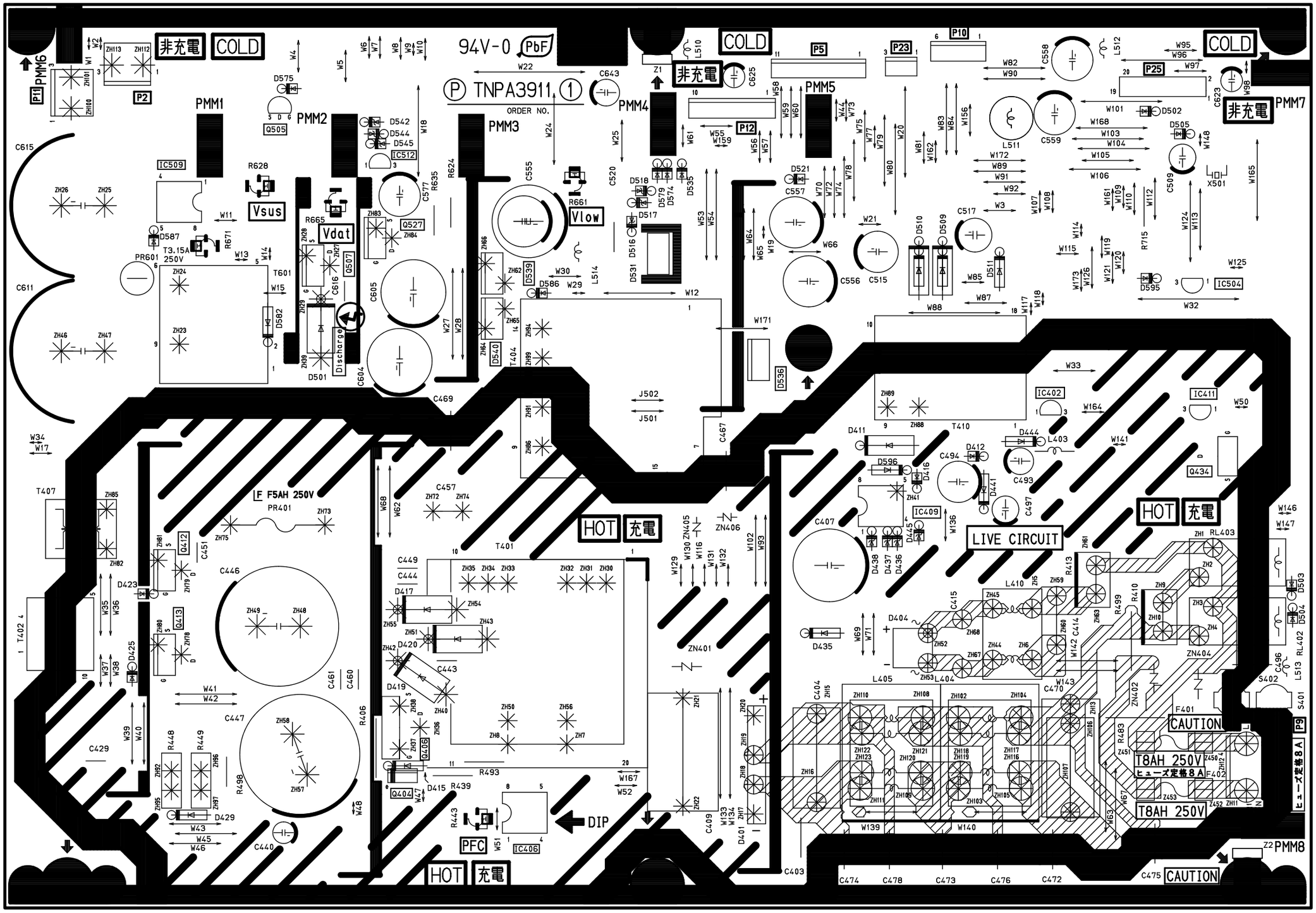
P-BOARD (FOIL SIDE)
TNPA3911



TH-42PV60A/H/M/MT
P-BOARD TNPA3911

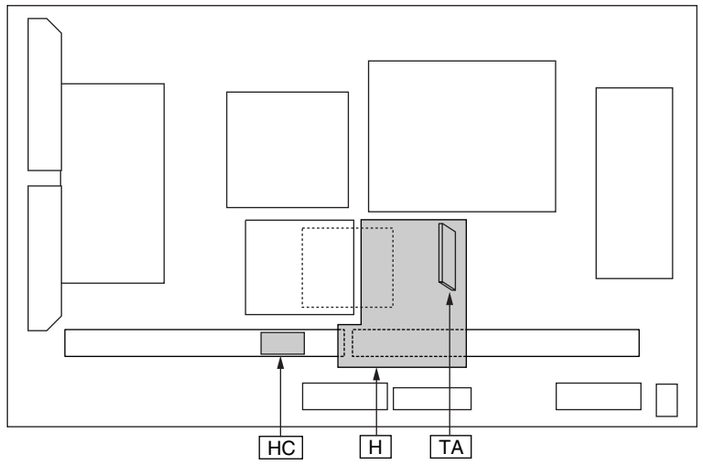
TH-42PV60A/H/M/MT
P-BOARD TNPA3911

P-BOARD (COMPONENT SIDE)
TNPA3911



TH-42PV60A/H/M/MT
P-BOARD TNPA3911

TH-42PV60A/H/M/MT
P-BOARD TNPA3911



H-BOARD (FOIL SIDE)
TNPA3760AD

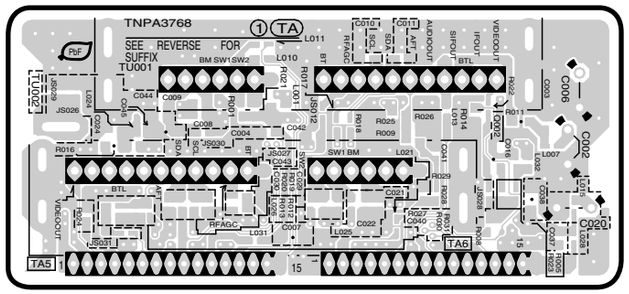
Parts Location

H-BOARD (FOIL SIDE)	
TRANSISTOR	
Q2001	F-4
Q2002	F-4

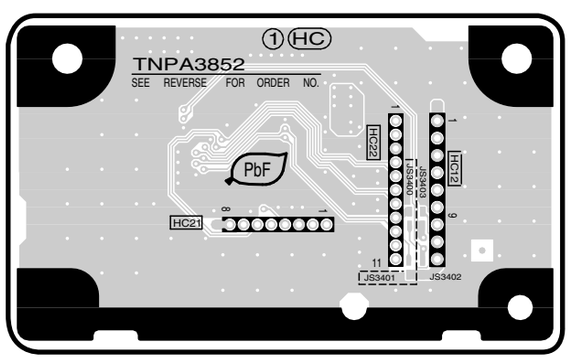
Parts Location

TA-BOARD (FOIL SIDE)	
TRANSISTOR	
Q002	I-3

TA-BOARD (FOIL SIDE)
TNPA3768AC (TH-42PV60A)
TNPA3768AB (TH-42PV60H/M/MT)



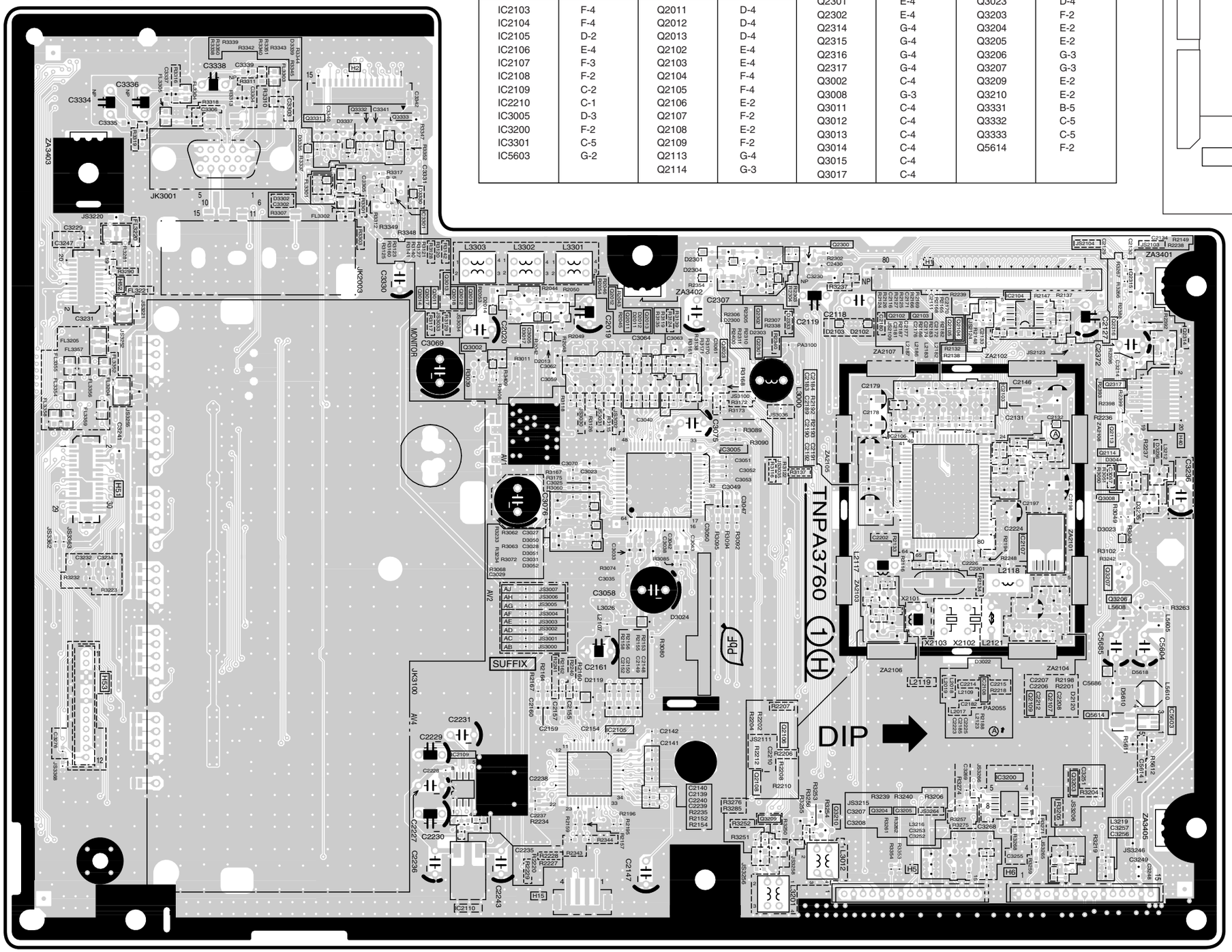
HC-BOARD (FOIL SIDE)
TNPA3852



TH-42PV60A/H/M/MT H-BOARD TNPA3760AD
TH-42PV60A/H/M/MT HC-BOARD TNPA3852
TH-42PV60A TA-BOARD TNPA3768AC
TH-42PV60H/M/MT TA-BOARD TNPA3768AB

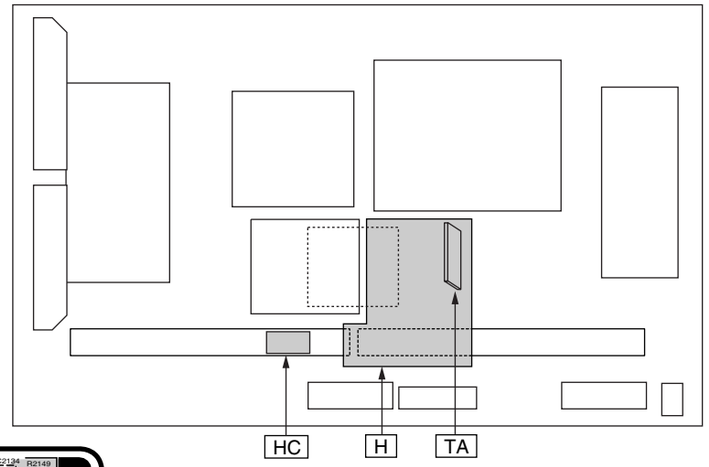
TH-42PV60A/H/M/MT H-BOARD TNPA3760AD
TH-42PV60A/H/M/MT HC-BOARD TNPA3852
TH-42PV60A TA-BOARD TNPA3768AC
TH-42PV60H/M/MT TA-BOARD TNPA3768AB

H-BOARD (COMPONENT SIDE)
TNPA3760AD

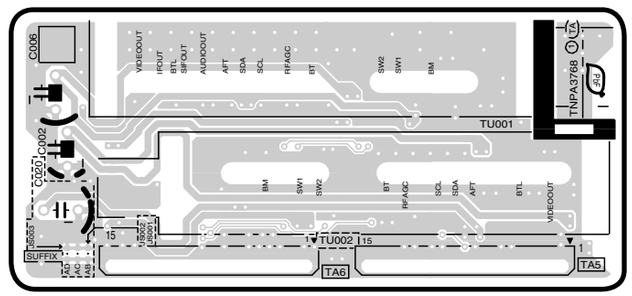


Parts Location

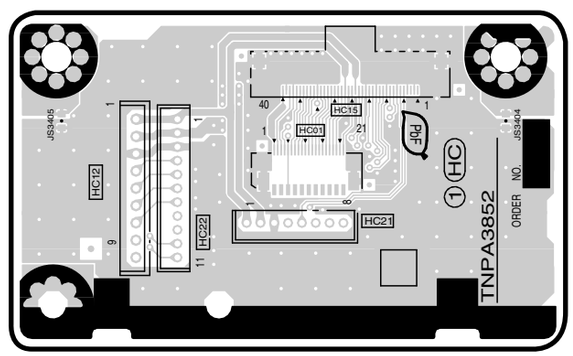
H-BOARD (COMPONENT SIDE)							
IC		**TRANSISTOR**		Q2300	E-5	Q3018	C-4
IC2103	F-4	Q2011	D-4	Q2301	E-4	Q3023	D-4
IC2104	F-4	Q2012	D-4	Q2302	E-4	Q3203	F-2
IC2105	D-2	Q2013	D-4	Q2314	G-4	Q3204	E-2
IC2106	E-4	Q2102	E-4	Q2315	G-4	Q3205	E-2
IC2107	F-3	Q2103	E-4	Q2316	G-4	Q3206	G-3
IC2108	F-2	Q2104	F-4	Q2317	G-4	Q3207	G-3
IC2109	C-2	Q2105	F-4	Q3002	C-4	Q3209	E-2
IC2210	C-1	Q2106	E-2	Q3008	G-3	Q3210	E-2
IC3005	D-3	Q2107	F-2	Q3011	C-4	Q3331	B-5
IC3200	F-2	Q2108	E-2	Q3012	C-4	Q3332	C-5
IC3301	C-5	Q2109	F-2	Q3013	C-4	Q3333	C-5
IC5603	G-2	Q2113	G-4	Q3014	C-4	Q5614	F-2
		Q2114	G-3	Q3015	C-4		
				Q3017	C-4		



TA-BOARD (COMPONENT SIDE)
TNPA3768AC (TH-42PV60A)
TNPA3768AB (TH-42PV60H/M/MT)

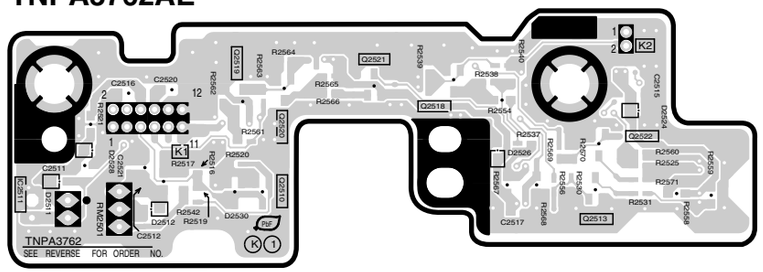


HC-BOARD (COMPONENT SIDE)
TNPA3852

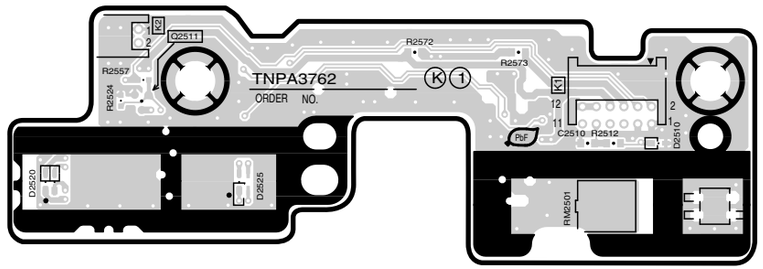


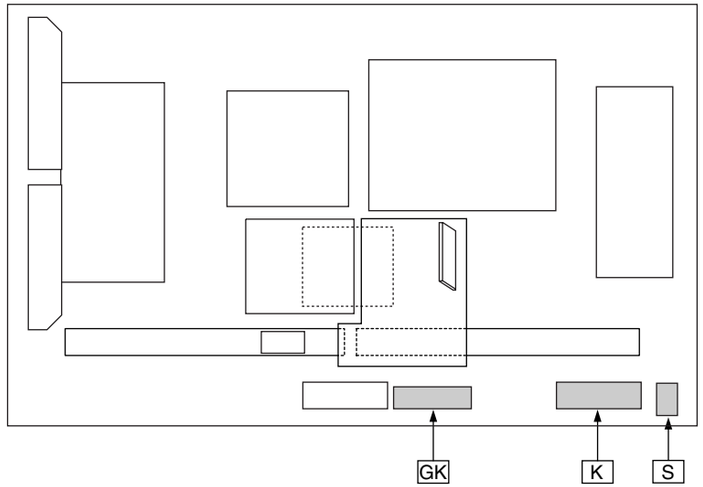
TH-42PV60A/H/M/MT H-BOARD TNPA3760AD
TH-42PV60A/H/M/MT HC-BOARD TNPA3852
TH-42PV60A TA-BOARD TNPA3768AC
TH-42PV60H/M/MT TA-BOARD TNPA3768AB

K-BOARD (FOIL SIDE)
TNPA3762AE

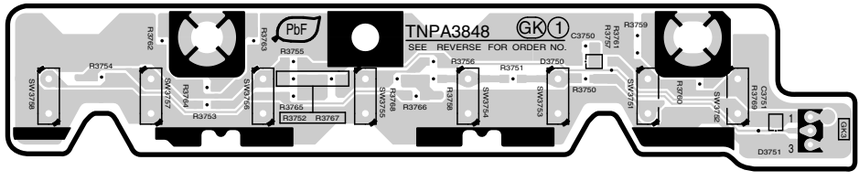


K-BOARD (COMPONENT SIDE)
TNPA3762AE

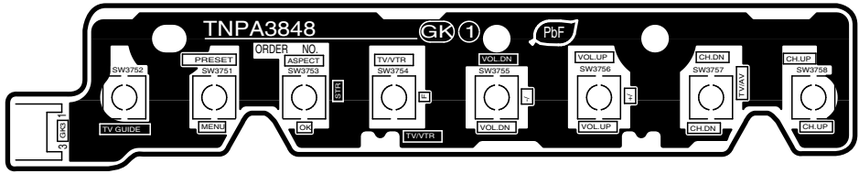




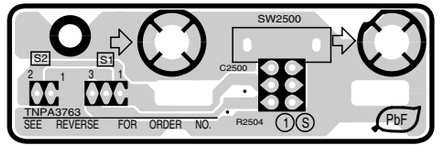
GK-BOARD (FOIL SIDE)
TNPA3848AD



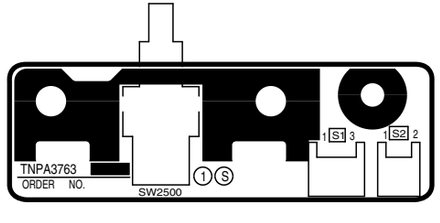
GK-BOARD (COMPONENT SIDE)
TNPA3848AD



S-BOARD (FOIL SIDE)
TNPA3763AC



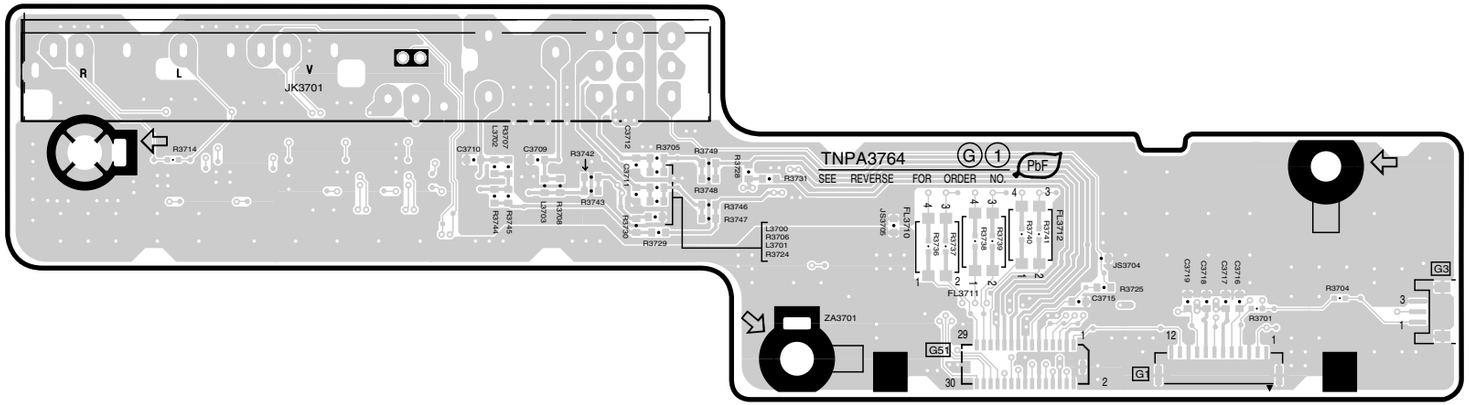
S-BOARD (COMPONENT SIDE)
TNPA3763AC

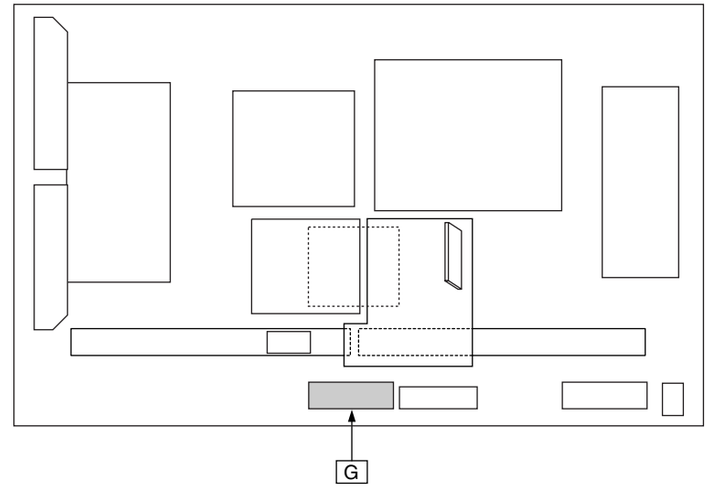


TH-42PV60A/H/M/MT
GK-BOARD TNPA3848AD
K-BOARD TNPA3762AE
S-BOARD TNPA3763AC

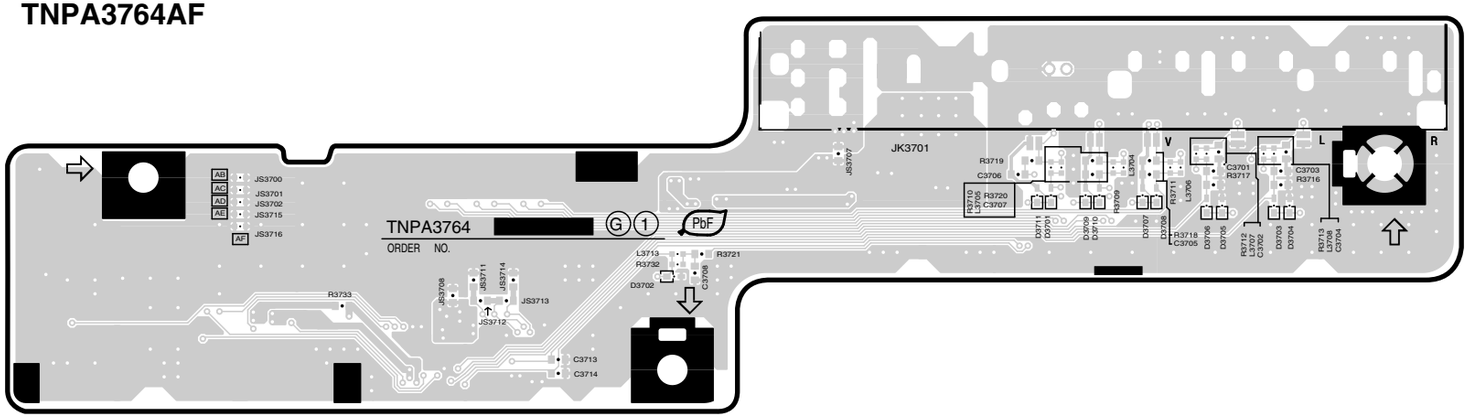
TH-42PV60A/H/M/MT
GK-BOARD TNPA3848AD
K-BOARD TNPA3762AE
S-BOARD TNPA3763AC

G-BOARD (FOIL SIDE)
TNPA3764AF



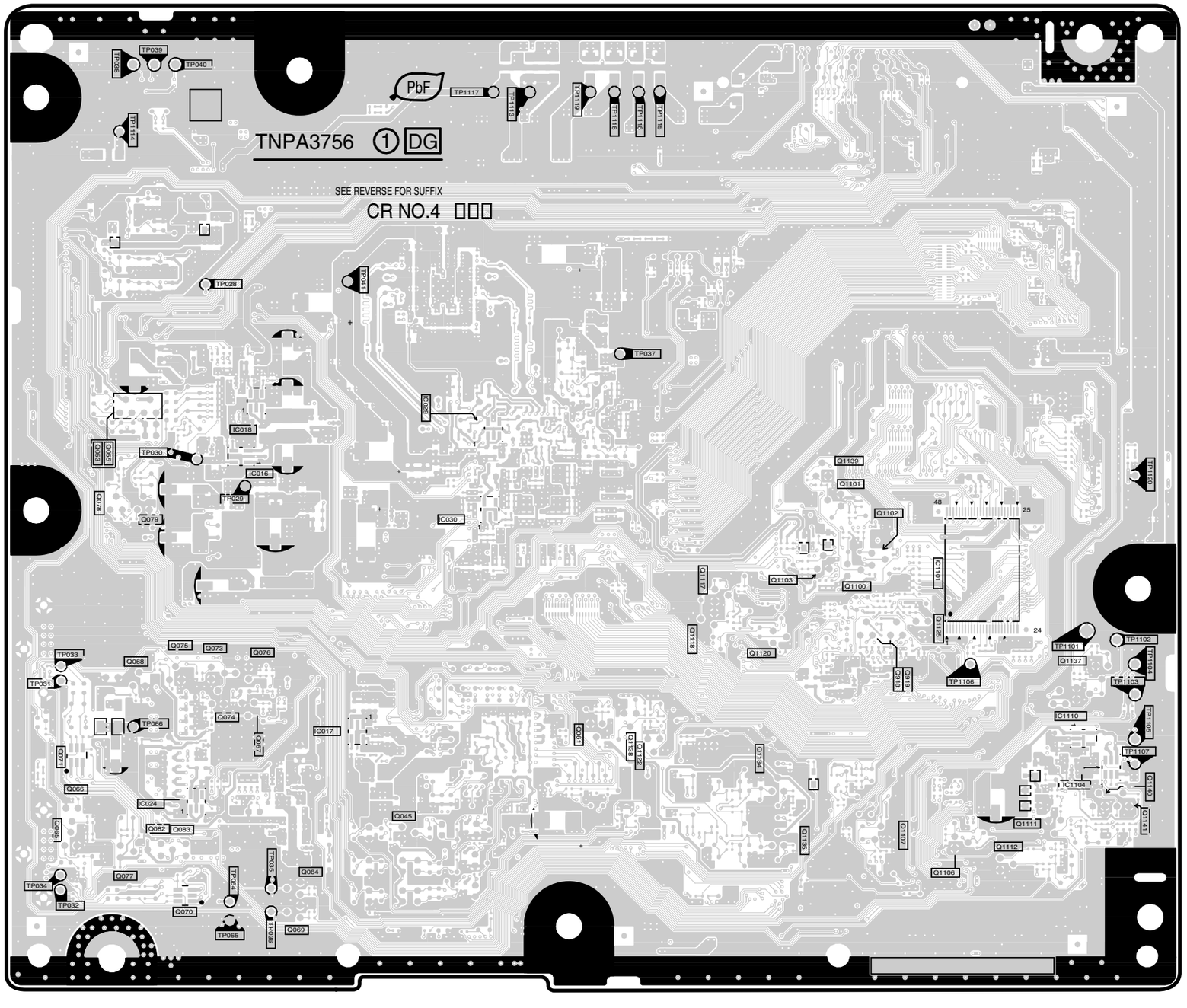


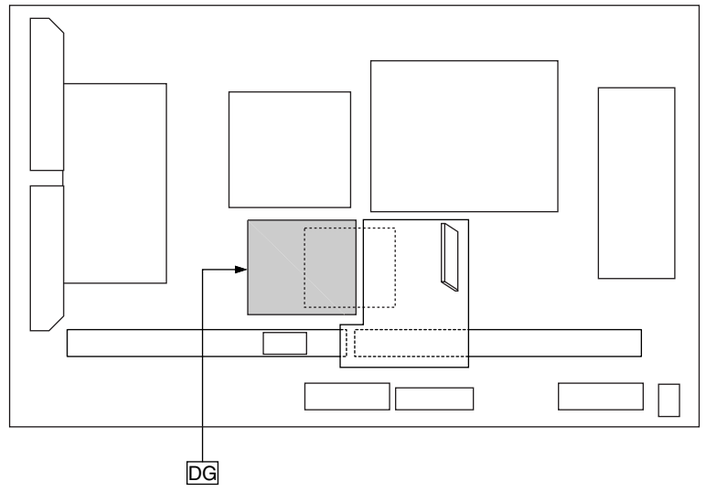
G-BOARD (COMPONENT SIDE)
TNPA3764AF



TH-42PV60A/H/M/MT
G-BOARD TNPA3764AF

DG-BOARD (FOIL SIDE)
TNPA3756CS (PV60H/M/MT)
TNPA3756CP (PV60A)



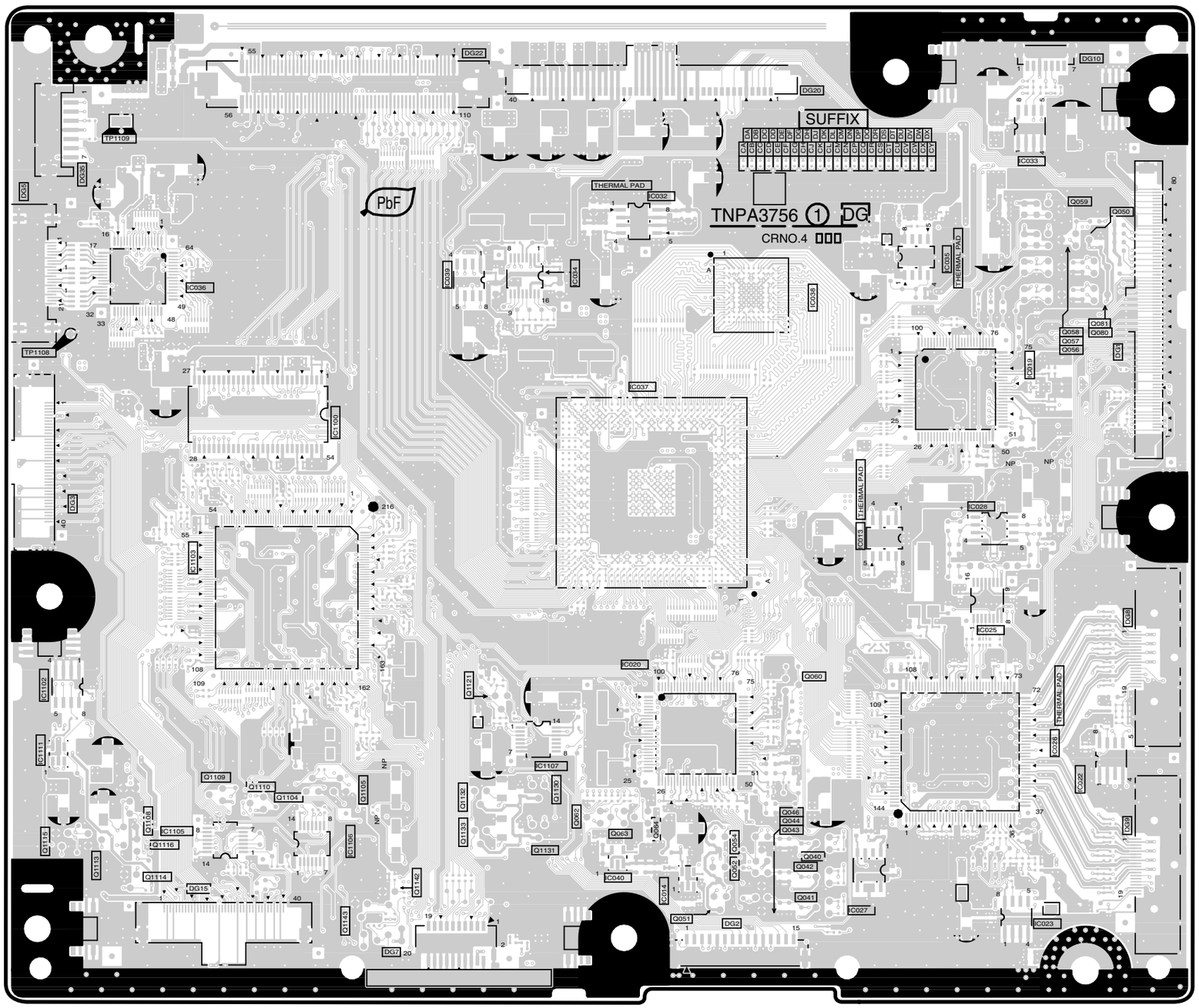


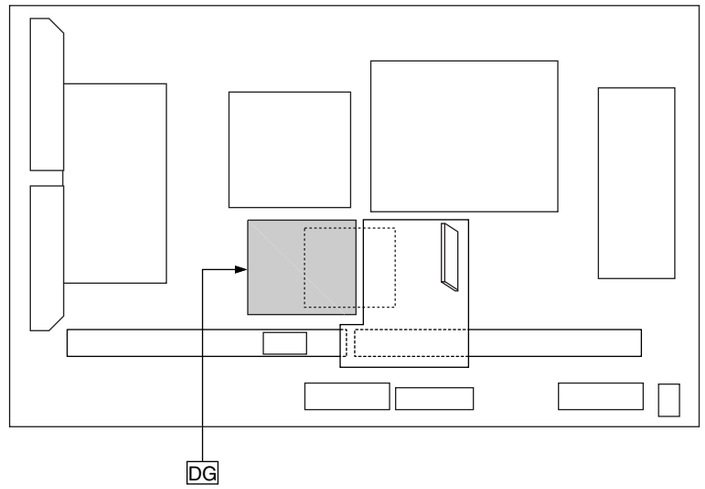
Parts Location

DG-BOARD (FOIL SIDE)					
IC		Q4045	C-2	**TP**	
IC1101	E-3	Q4053	A-3	TP1101	F-3
IC1104	F-2	Q4055	A-3	TP1102	F-3
IC1110	F-2	Q4061	D-2	TP1103	F-2
IC4016	B-3	Q4065	A-2	TP1104	F-2
IC4017	B-2	Q4066	A-2	TP1105	F-2
IC4018	B-4	Q4067	B-2	TP1106	F-2
IC4024	B-2	Q4068	B-2	TP1107	F-2
IC4029	C-4	Q4069	B-1	TP1113	C-5
IC4030	C-3	Q4070	B-1	TP1114	B-5
TRANSISTOR		Q4071	A-2	TP1115	D-5
Q1100	E-3	Q4073	B-3	TP1116	D-5
Q1101	E-3	Q4074	B-2	TP1117	C-5
Q1102	E-3	Q4075	B-3	TP1118	D-5
Q1103	E-3	Q4076	B-3	TP1119	D-5
Q1106	E-1	Q4077	B-1	TP1120	F-3
Q1107	E-2	Q4078	A-3	TP4028	B-4
Q1111	F-2	Q4079	B-3	TP4029	B-3
Q1112	F-2	Q4082	B-2	TP4030	B-3
Q1117	D-3	Q4083	B-2	TP4031	A-2
Q1118	D-3	Q4084	B-1	TP4032	A-4
Q1120	E-3	Q4918	E-2	TP4033	A-3
Q1122	D-2	Q4919	E-2	TP4034	A-1
Q1125	E-3			TP4035	B-1
Q1134	E-2			TP4036	B-1
Q1135	E-2			TP4037	D-4
Q1137	F-2			TP4038	B-5
Q1138	D-2			TP4039	B-5
Q1139	E-3			TP4040	B-5
Q1140	F-2			TP4041	C-4
Q1141	F-2			TP4064	B-1
				TP4065	B-1
				TP4066	B-2

TH-42PV60H/M/MT DG-BOARD TNPA3756CS TH-42PV60A DG-BOARD TNPA3756CP

DG-BOARD (COMPONENT SIDE)
TNPA3756CS (PV60H/M/MT)
TNPA3756CP (PV60A)



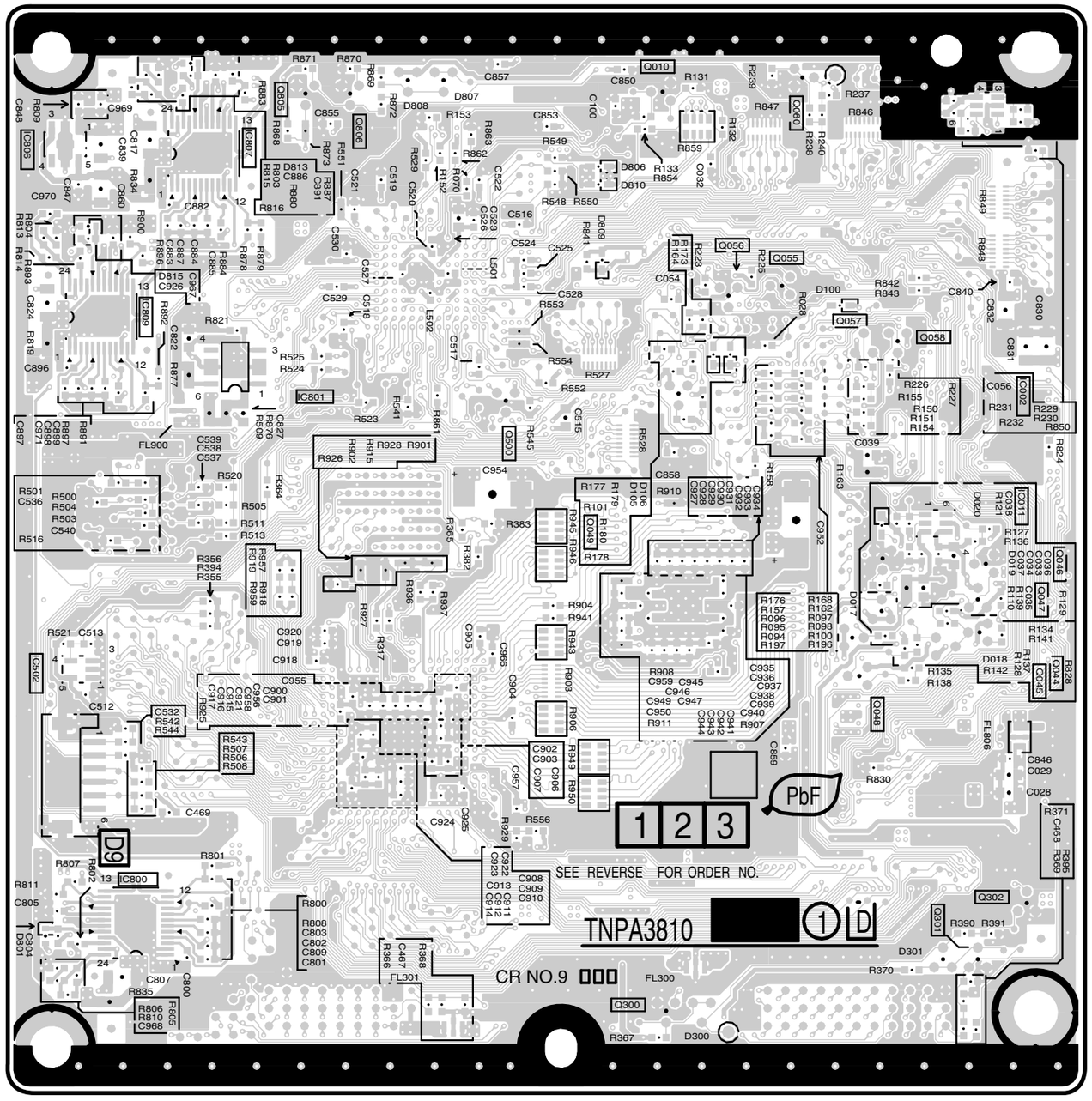


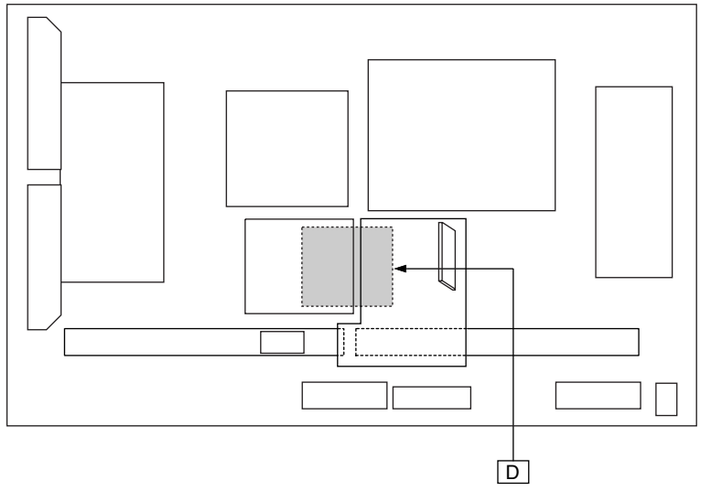
Parts Location

DG-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q4056	F-4
IC1100	C-4	Q1104	B-2	Q4057	F-4
IC1102	A-2	Q1105	C-2	Q4058	F-4
IC1103	B-3	Q1108	B-2	Q4059	F-5
IC1105	B-2	Q1109	B-2	Q4060	E-2
IC1106	C-2	Q1110	B-2	Q4062	D-2
IC1107	D-2	Q1113	A-2	Q4063	D-2
IC1111	A-2	Q1114	B-2	Q4064	D-2
IC4013	E-3	Q1115	A-2	Q4080	F-4
IC4014	D-1	Q1116	B-2	Q4081	F-4
IC4019	F-4	Q1121	C-2	**TP**	
IC4020	D-3	Q1130	D-2	TP1108	A-4
IC4022	F-2	Q1131	D-2	TP1109	A-5
IC4023	F-1	Q1132	C-2		
IC4025	F-3	Q1133	C-2		
IC4026	F-2	Q1142	C-1		
IC4027	E-1	Q1143	C-1		
IC4028	F-3	Q4040	E-2		
IC4032	D-5	Q4041	E-1		
IC4033	F-5	Q4042	E-2		
IC4034	D-4	Q4043	E-2		
IC4035	E-4	Q4044	E-2		
IC4036	B-4	Q4046	E-2		
IC4037	D-4	Q4050	F-5		
IC4038	E-4	Q4051	D-1		
IC4039	C-4	Q4052	D-2		
IC4040	D-2	Q4054	D-2		

TH-42PV60H/M/MT DG-BOARD TNPA3756CS
TH-42PV60A DG-BOARD TNPA3756CP

D-BOARD (FOIL SIDE)
TZTNP01BJTB



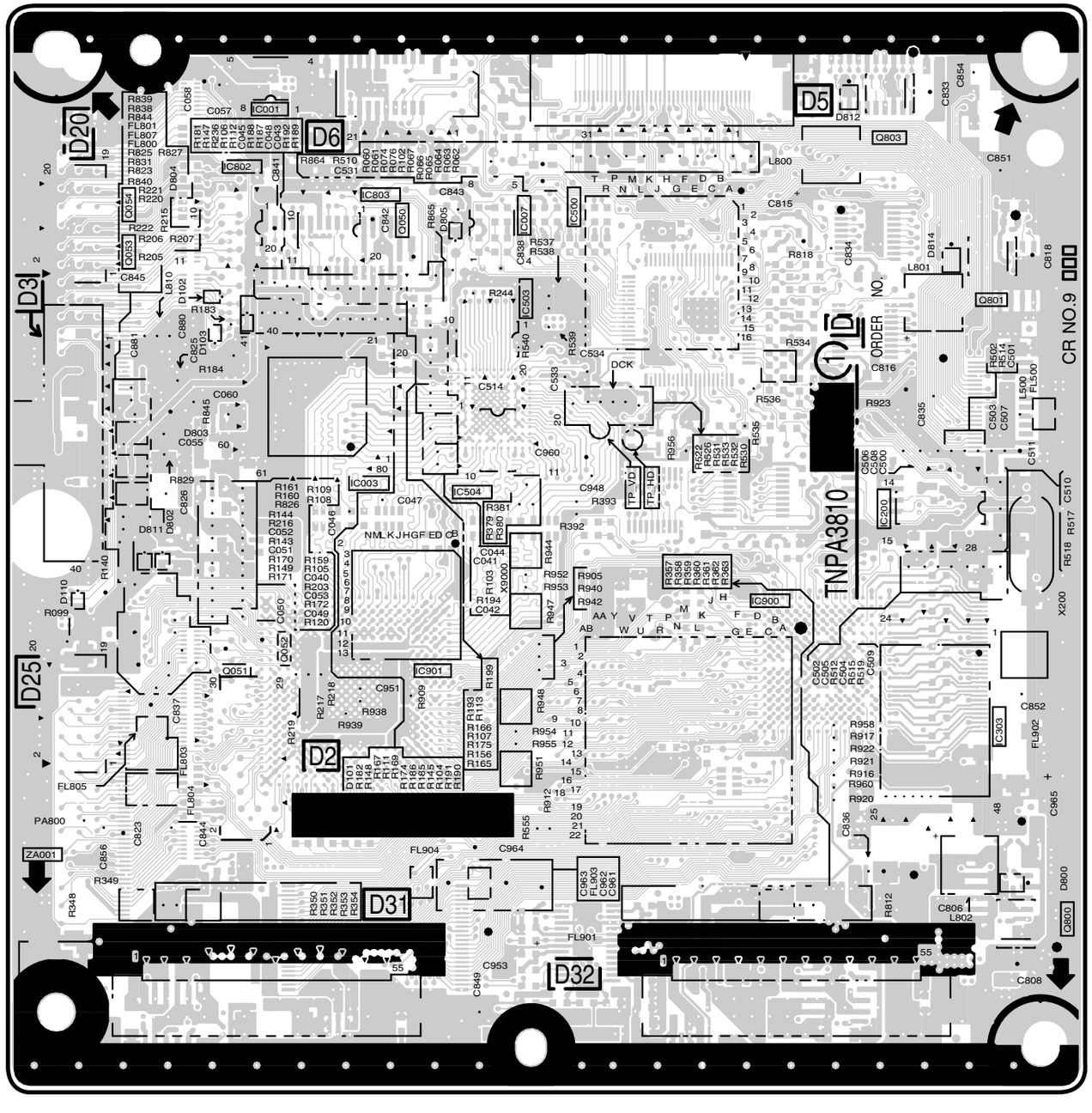


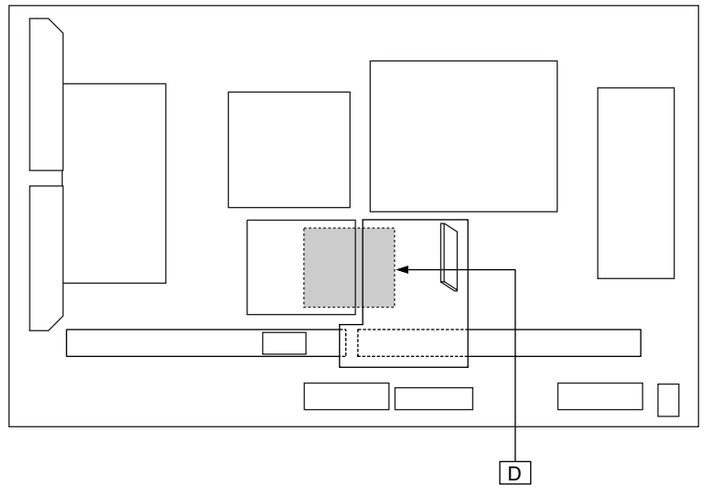
Parts Location

D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9002	E-4	Q9010	D-5
IC9011	E-4	Q9044	E-3
IC9502	A-3	Q9045	E-3
IC9800	B-2	Q9046	E-3
IC9801	B-4	Q9047	E-3
IC9806	A-5	Q9048	E-3
IC9807	B-5	Q9049	D-3
IC9809	B-4	Q9055	D-5
		Q9056	D-5
		Q9057	E-4
		Q9058	E-4
		Q9060	D-5
		Q9300	D-2
		Q9301	E-2
		Q9302	E-2
		Q9500	C-4
		Q9805	B-5
		Q9806	C-5

TH-42PV60A/H/M/MT
D-BOARD TZTNP01BJTB

D-BOARD (COMPONENT SIDE)
TZTNP01BJTB





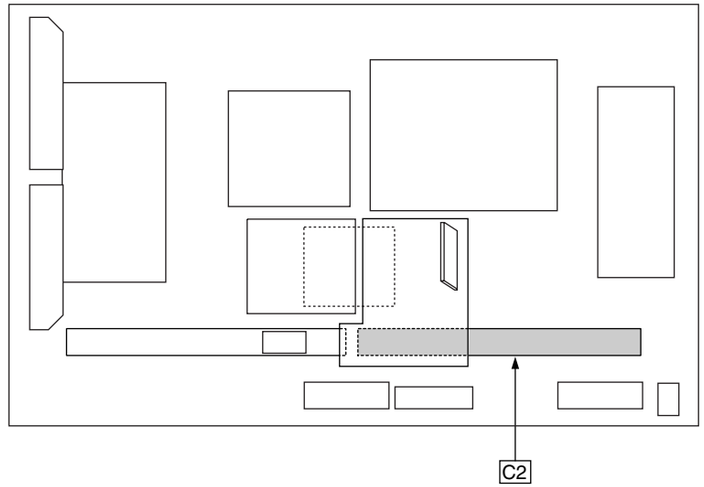
Parts Location

D-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC9001	B-5	Q9050	C-5
IC9003	C-4	Q9051	B-3
IC9007	C-5	Q9052	B-3
IC9200	E-4	Q9053	B-5
IC9303	E-3	Q9054	B-5
IC9500	D-5	Q9800	F-2
IC9503	C-4	Q9801	E-4
IC9504	C-4	Q9803	E-5
IC9802	B-5	**TP**	
IC9803	C-5	TP-HD	D-4
IC9900	D-3	TP-VD	D-4
IC9901	C-3		

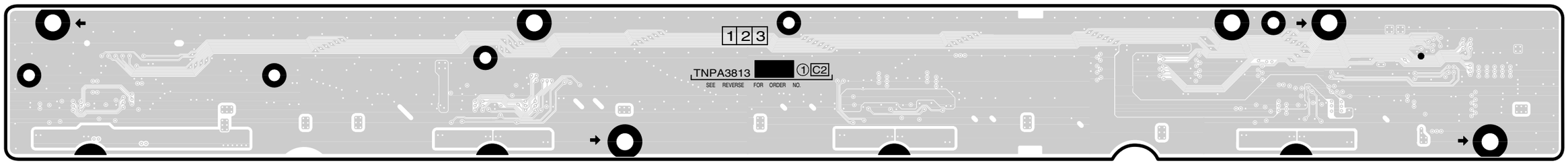
TH-42PV60A/H/M/MT
D-BOARD TZTNP01BJTB

Parts Location

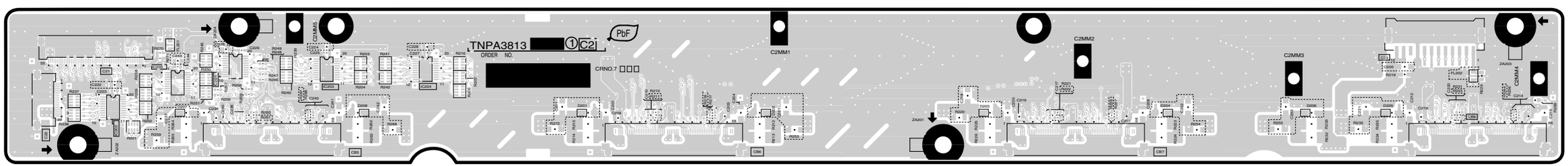
C2-BOARD	
IC	
IC7201	B-2
IC7202	A-1
IC7203	B-2
IC7204	C-2
IC7205	B-1



C2-BOARD (FOIL SIDE)
TNPA3813



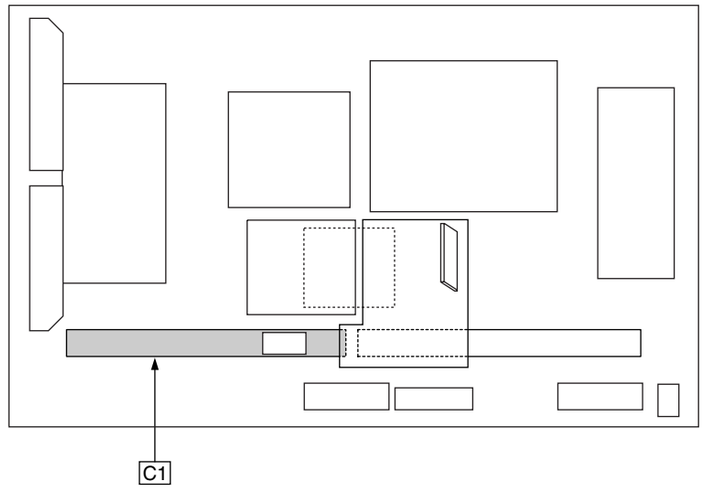
C2-BOARD (COMPONENT SIDE)
TNPA3813



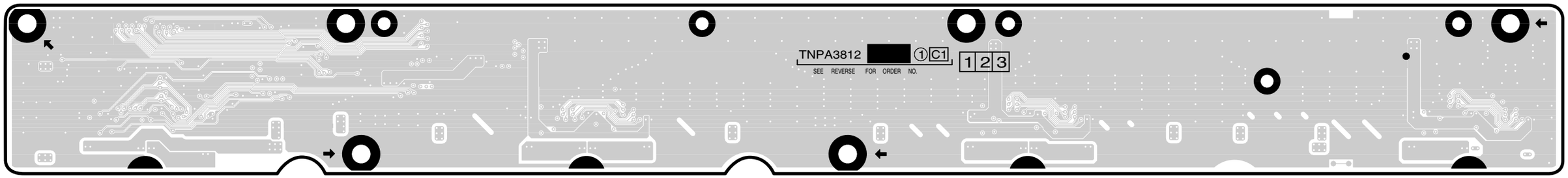
TH-42PV60A/H/M/MT
C2-BOARD TNPA3813

Parts Location

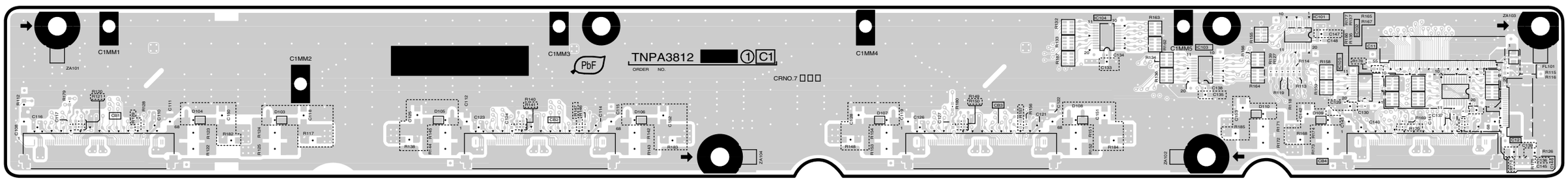
C1-BOARD	
IC	
IC7101	H-2
IC7102	I-2
IC7103	G-2
IC7104	F-1
IC7105	H-2



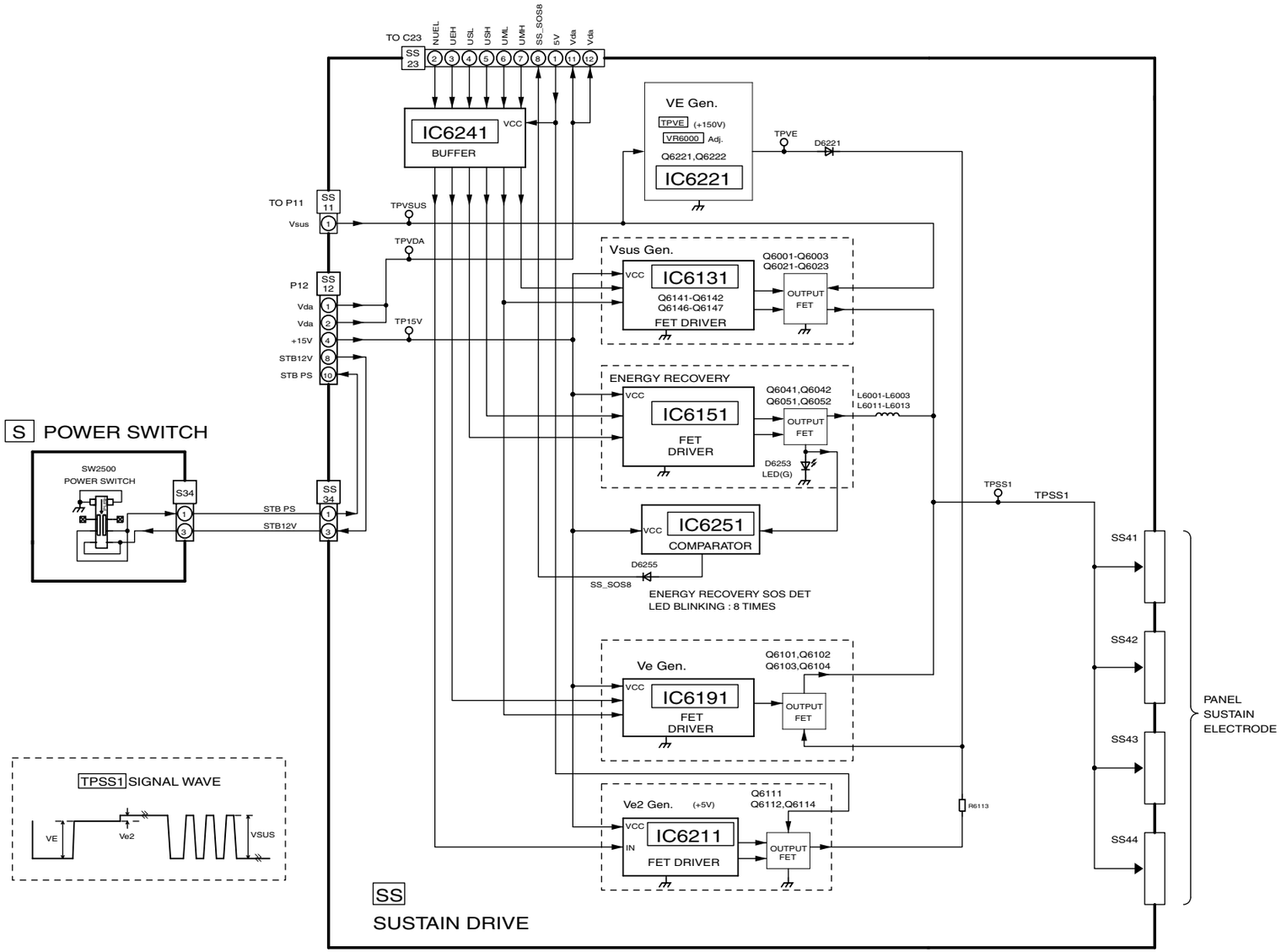
C1-BOARD (FOIL SIDE)
TNPA3812



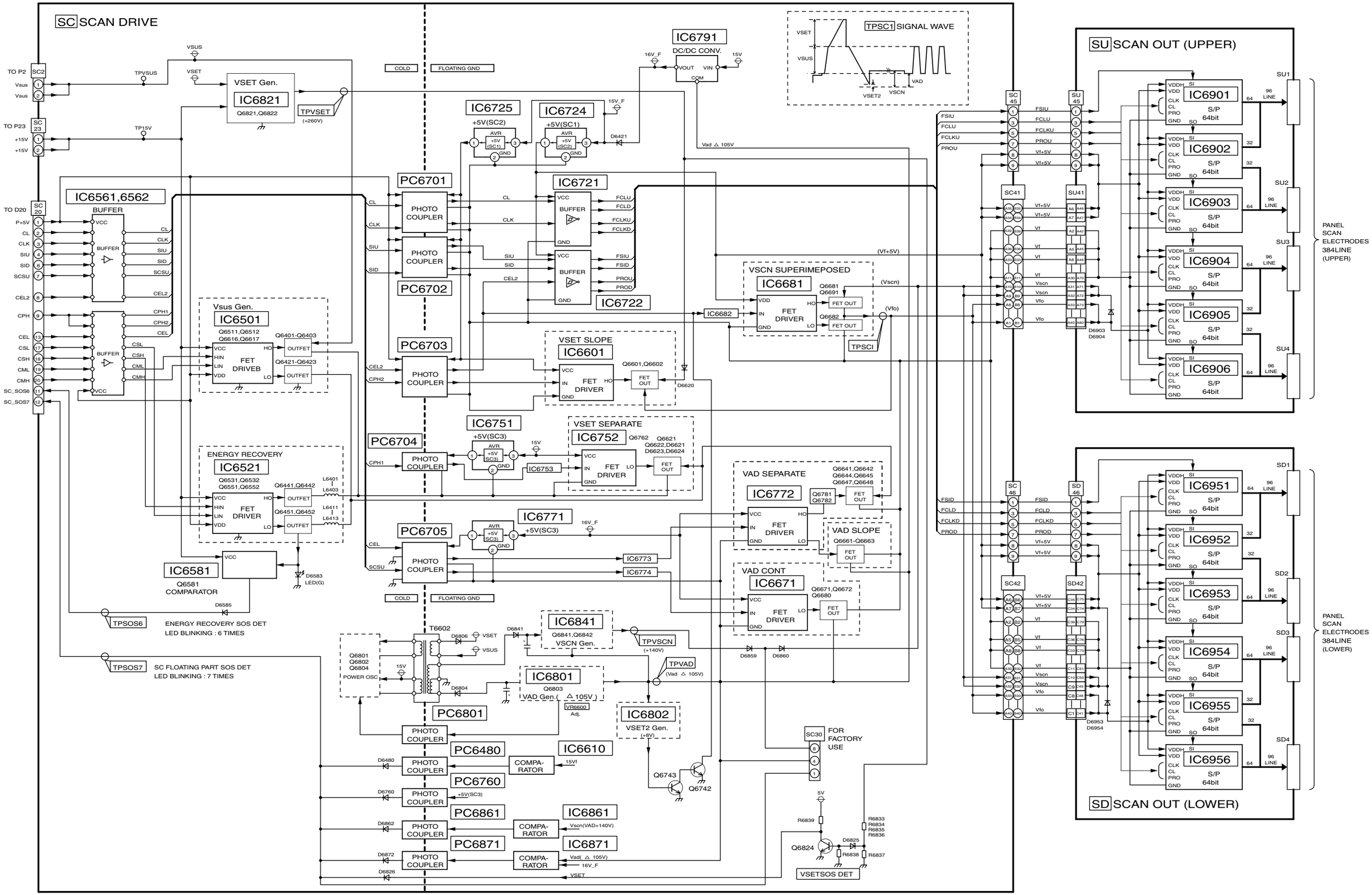
C1-BOARD (COMPONENT SIDE)
TNPA3812



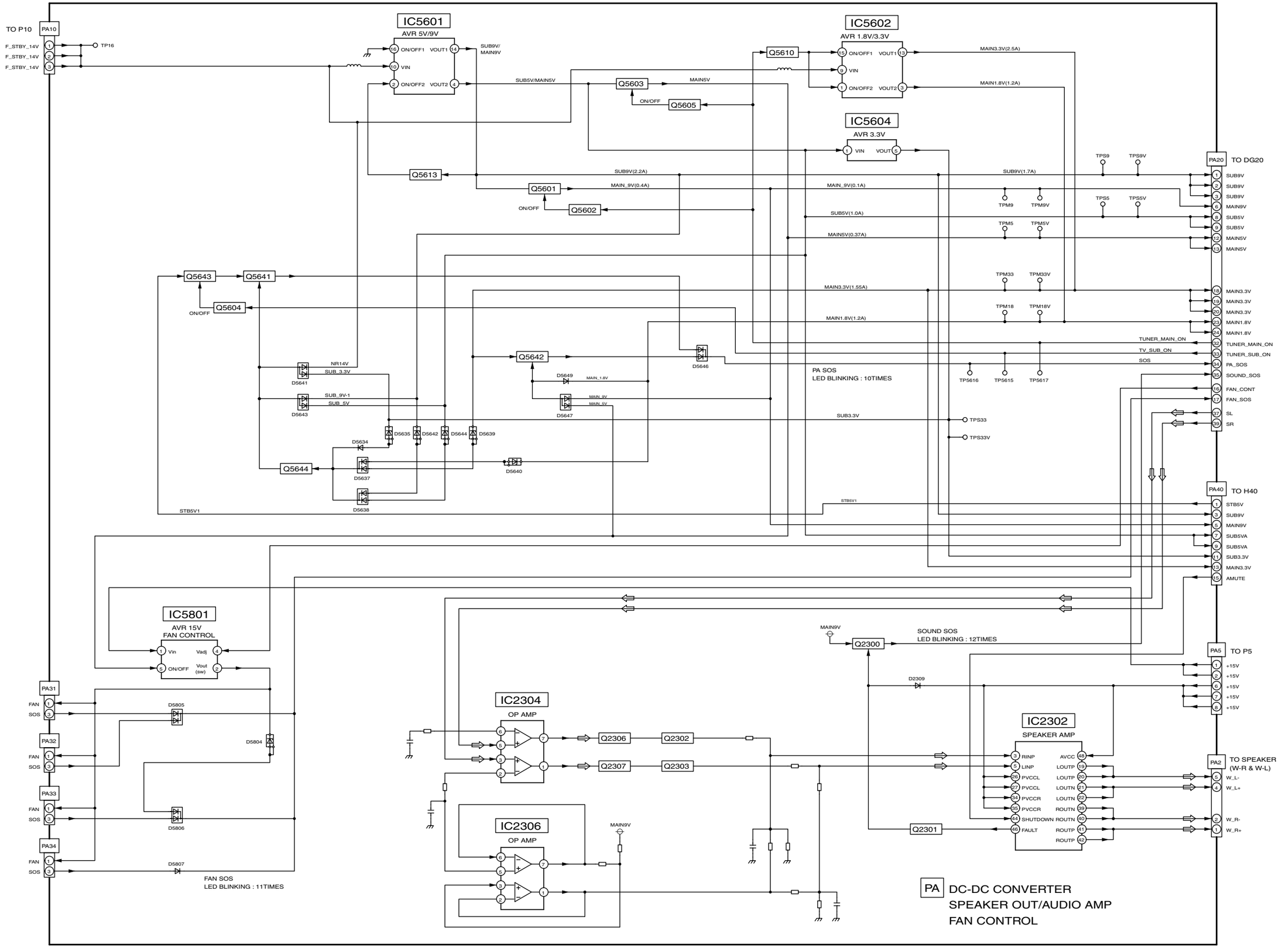
TH-42PV60A/H/M/MT
C1-BOARD TNPA3812



TH-42PV60A/H/M/MT
SS and S-Board Block Diagram



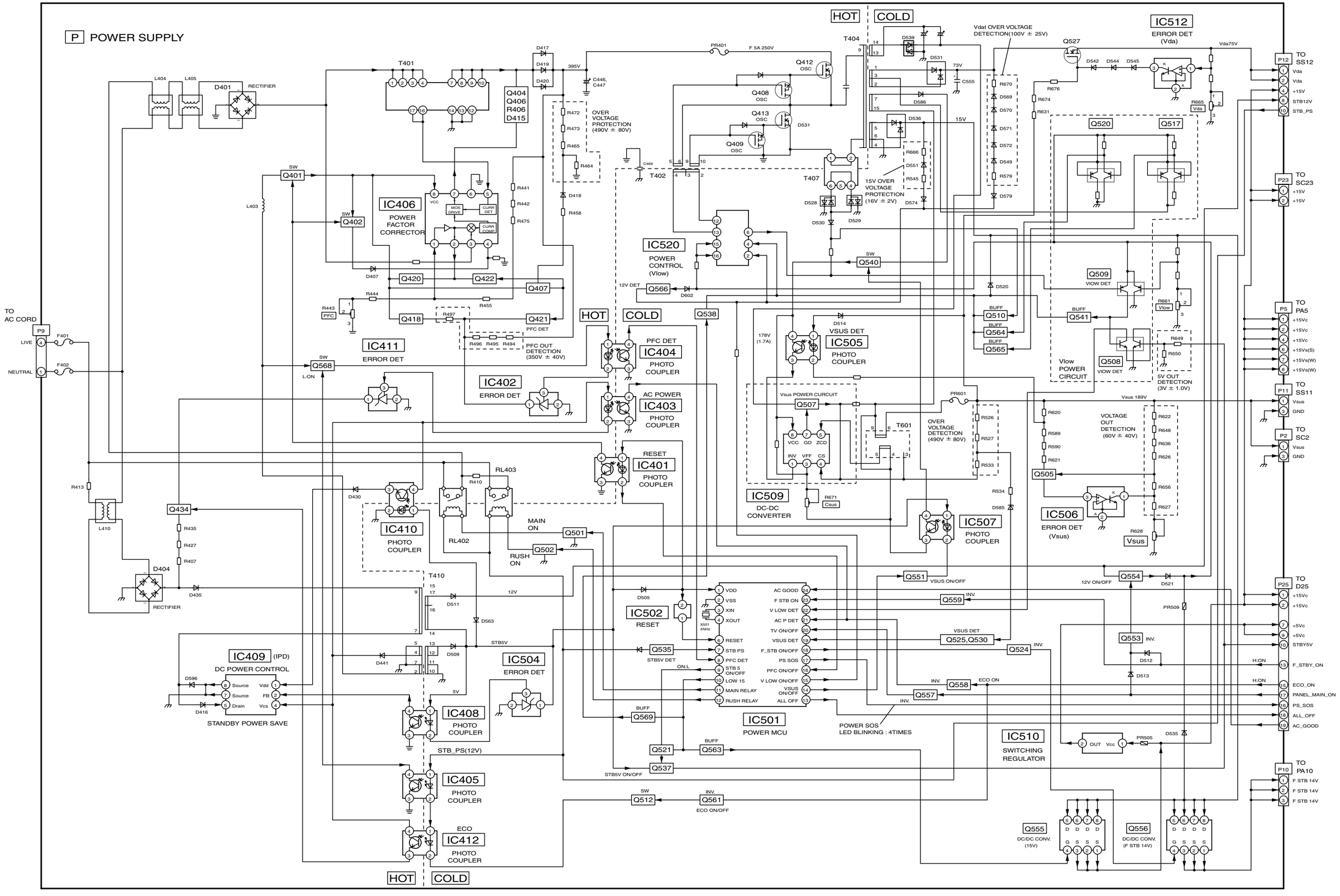
TH-42PV60A/H/M/MT
SC, SU and SD-Board Block Diagram



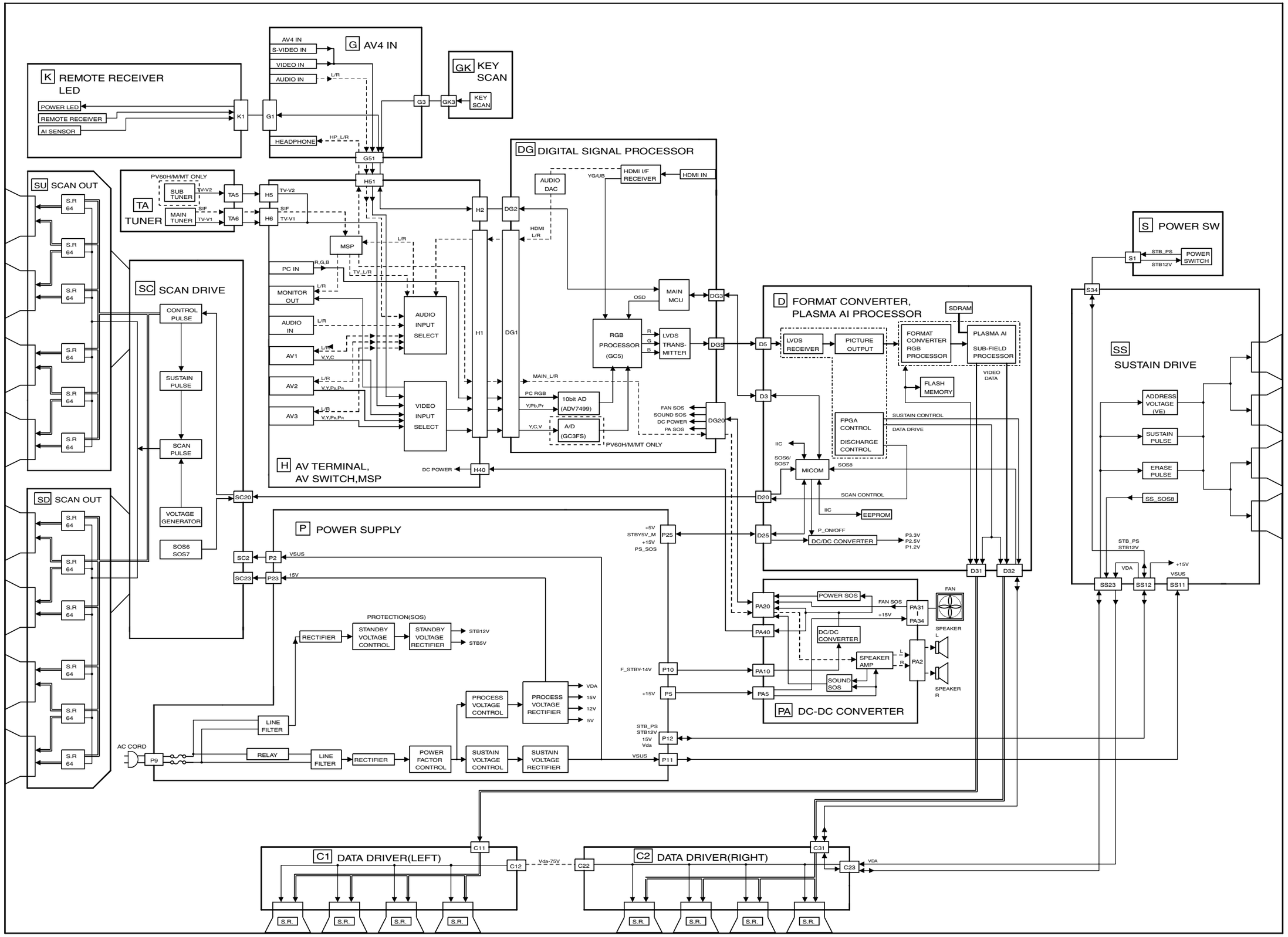
TH-42PV60A/H/M/MT
PA-Board Block Diagram

TH-42PV60A/H/M/MT
PA-Board Block Diagram

P POWER SUPPLY

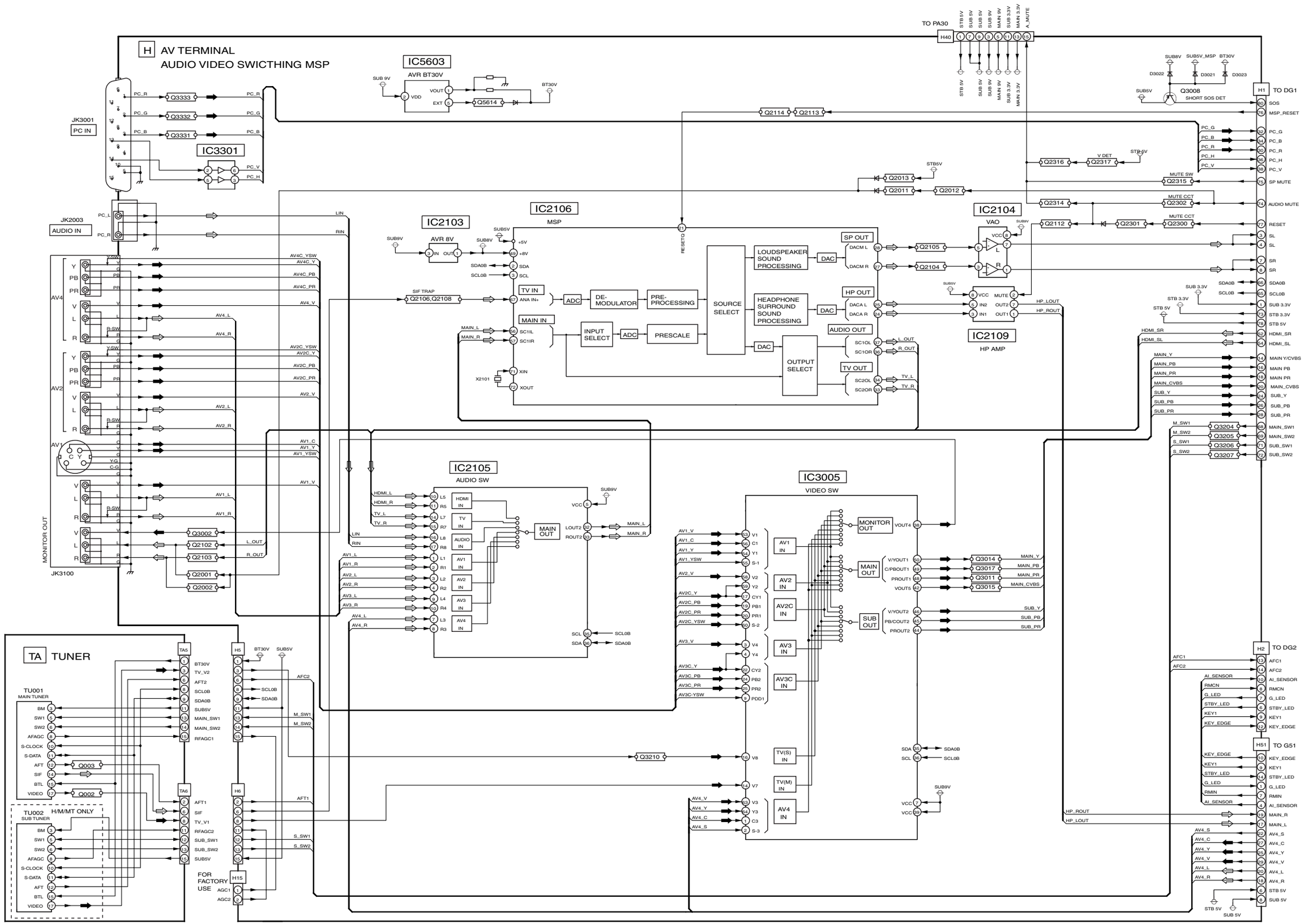


TH-42PV60A/H/M/MT
P-Board Block Diagram



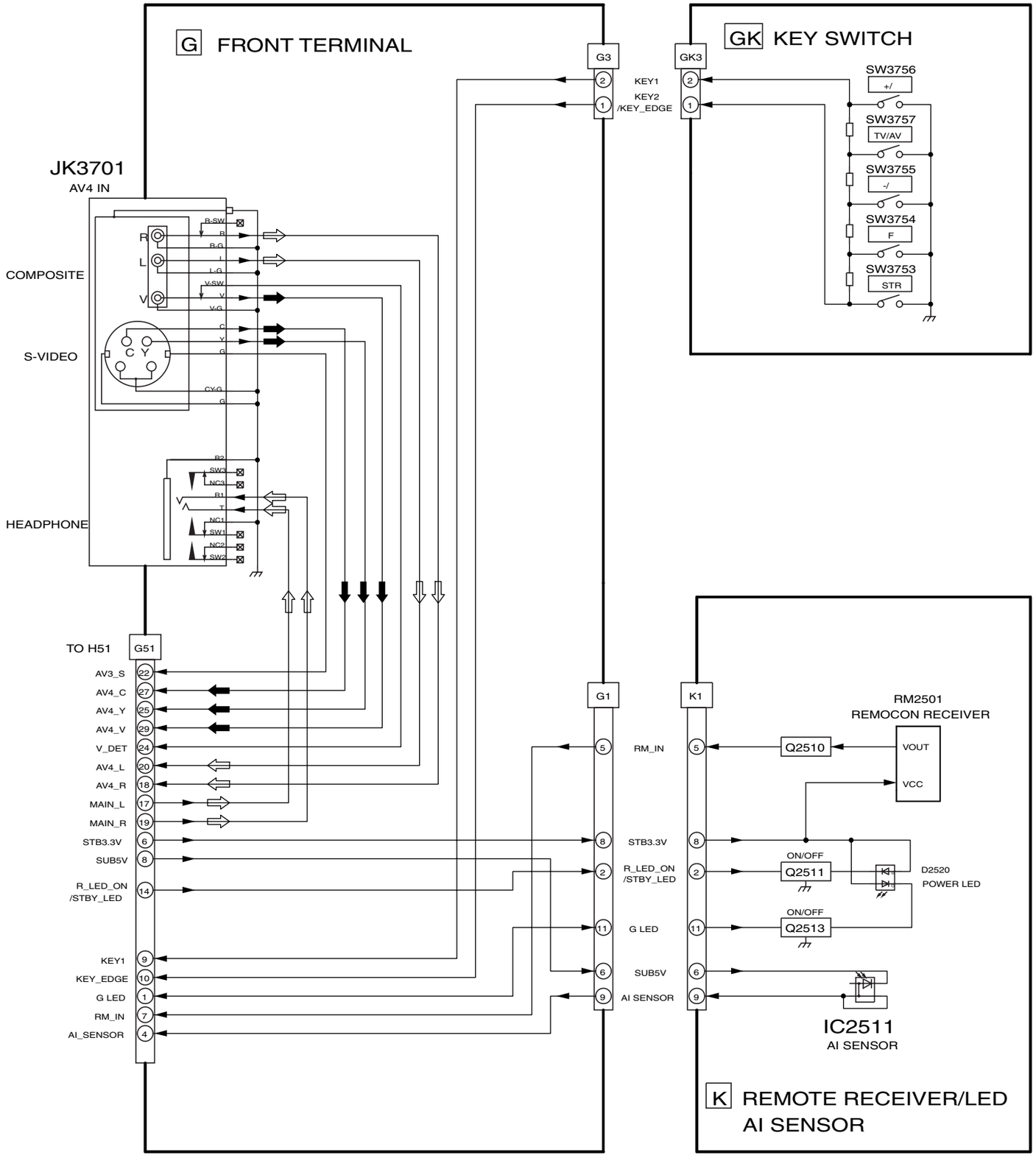
TH-42PV60A/H/M/MT
Main Block Diagram

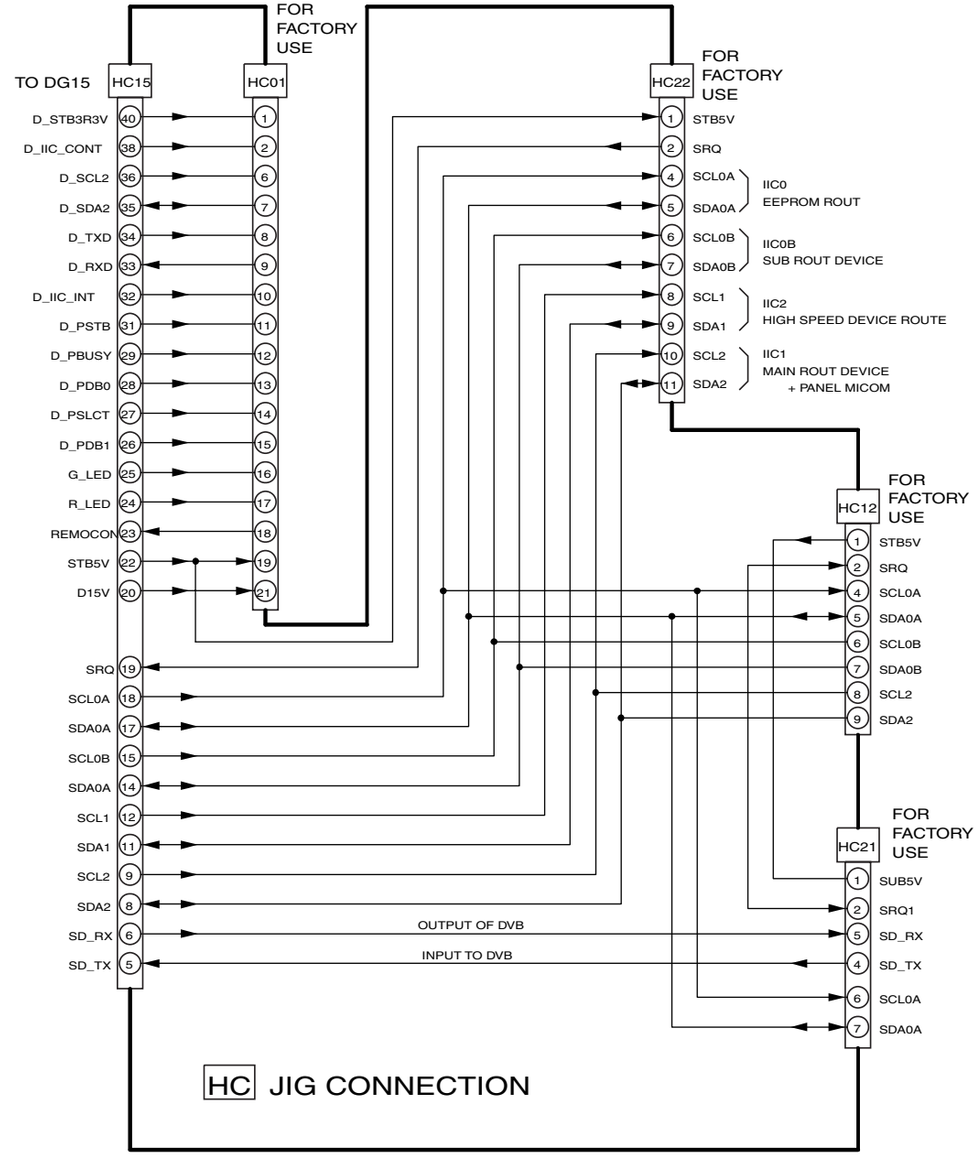
TH-42PV60A/H/M/MT
Main Block Diagram



TH-42PV60A/H/M/MT H and TA-Board Block Diagram

TH-42PV60A/H/M/MT H and TA-Board Block Diagram





TH-42PV60A/H/M/MT
G, GK, K, nad HC-Board Block Diagram

TH-42PV60A/H/M/MT
G, GK, K, and HC-Board Block Diagram

DG MICOM,DIGITAL SIGNAL PROCESSOR/
HDMI INTERFACE

FOR FACTORY USE (DEBUGER)

DG7: STBY3.3V, RST, SCL0CK, EXTRG0, SDATA, TRCCLK, TRCD0, TRCD1, TRCD2, TRCD3, TRCST

TO DG-BOARD (HC15)

DG15: DTV_SDA0B, DTV_SCL0B, SD_TX, SD_RX, SDA2, SCL2, SDA1, SCL1, SDA0B, SCL0B, SDA0A, SCL0A, SRQ, STBY5V, D_15V, REMOCON, R_LED, G_LED, D_PDB1, D_PSLCT, D_PDB0, D_PBUSY, D_PSTB, D_IIC_INT, D_RXD, D_TXD, D_SDA2, D_SCL2, D_IIC_CONT, D_STB3R3V

FOR ROM(D-BOARD) / FOR IIC/SERIAL

TO D3

DG3: D_STB3R3V(STBY3.3V), D_IIC_CONT(IIC_CONT), D_SCL2(IIC_CLK2), D_SDA2(IIC_DATA2), D_TXD, D_RXD, D_IIC_INT(IIC_INT), REMOCON, R_LED(LED_R), G_LED(LED_G), D_15V(P15V), D_PSTB(PSTB), D_PBUSY(PBUSY), D_PDB0, D_PSLCT(PSCLT), D_PDB1(PDB1), STBY5V, IIC_CLK1, IIC_DATA1, DISPEN(DRVMUTE), READY(STATUS), ALARM, PANEL_STBY_ON, ALL_OFF, ECO_ON, TUNER_SUB_ON

IC1103
MAIN MICOM

TRCCLK, TRCST, TRCD0, TRCD1, TRCD2, TRCD3, EXTRG0, SDATA, SCL0CK

STBY3.3V
Q1142,Q1143

IRQ4A, CECINA, SD_IRQ, SD_RST, AFC2, G_LED, WC, HDMI_5V_DET2, HPD2, GC_RST, AUDIO MUTE, SPMUTE, MSP RESET, HDMI_INT, HDMI_RST, HDMI 5V DET1, HPD1, CVBS1, CVBS0, HDMI_DAC_PD, HDMI_WP, MAIN_SW1, MAIN_SW2, SUB_SW1, SUB_SW2, STBY_LED, AI_SENSOR, KEYSCAN1, AFC1, AFC2, KEY_EDGE, REMOTE IN

SD_TX, SD_RX, SDA1, SCL1, SDA2, SCL0A, SDA0A, SCL0B, SDA0B

Q1109: SCL0B — SUB3.3V
Q1110: SDA0B

VMUTE, PANEL STATUS, PANEL_SOS, PANEL_STB_ON, ECO_ON, ALL_OFF

Q1100: DISPEN, PANEL_STATUS, PANEL_SOS
Q1101,1139: PANEL_STB_ON, ECO_ON, ALL_OFF

IC1100

OSCXI — X1100
SXCO
RTCXI — X1101
RTCXO

64M SDRAM

IC1101
16M FLASH ROM

RESET, MCU_RST, NRST

SUB9V, SUB5V, MAIN3.3V, STBY3.3V, STBY5V
SUB9V_DET, SUB5V_DET, MAIN3.3V_DET, STBY5V_DET

Q1103

SRQ

FAN_CONT, FAN_SOS
Q1102: FAN_MAX, FAN_SOS

SOUND SOS, TV_MAIN_ON, TV_SUB_ON, POWER_SOS
SOUND_SOS, TV_MAIN_ON, TV_SUB_ON, SOS

IC1102
256K EEPROM
SCL, SDA, WC — SCL0A, SDA0A
Q1137

TMS, TDI(FS), TDO
Q4062, Q4063, Q4064, Q4061

RST, WC

GENX_HO, GENX_CLKO, GENX_VIN, GENX_HIN, GENX_CLKIN
PORT_D (OSD INPUT)
GENX_YS, GENX_YM, GENX_R0-R4, GENX_G0-G5, GENX_B0-B4

GENX_R0-R4, GENX_G0-G5, GENX_B0-B4, GENX_YS, GENX_YM, GENX_X_CLK, GENX_X_H, GENX_X_V, GENX_HO, GENX_CLKO
R00~R04, G00~G05, B00~B04 (OSD)
YSOUT, YMOUT0, OSDXI, HSYNC, VSYNC, HOUTA, VCLKOUTA, LVDS_PD

PIXEL CONV. CONVERTER
AI GAMMA
OSD MIX

IC4037
GC5

D/A 10bit 110MHz × 3
D/A 8bit × 2
D/A OSD CONT
PORT_E (RGB OUT)

ROE0~ROE9, GOE0~GOE9, BOE0~BOE9
VSOE, HSOE, CLKOE
TC5, TC4, CLKIN

LVDS (SERIAL) TTL PARALLEL DATA

TA-, TA+, TB-, TB+, TC-, TC+, TCLK-, TCLK+, TD-, TD+, TE-, TE+, /PDWN

IC4036
LVDS TRANSMITTER(10bit)

10Bit LVDS

TO D5

DG5: TX_TE+, TX_TE-, TX_TD+, TX_TD-, TX_TCLK+, TX_TCLK-, TX_TC+, TX_TC-, TX_TB+, TX_TB-, TX_TA+, TX_TA-

FOR FACTORY USE

DG35: TCK, TMS, TDI, TDO, TRST

TH-42PV60A/H/M/MT
DG-Board (3 of 3) Block Diagram

DG MICOM,DIGITAL SIGNAL PROCESSOR/
HDMI INTERFACE

TO H1 DG1

HDMI_R 29
HDMI_L 27

SUB_Y 57
SUB_PB 55
SUB_PR 53
MAIN_CVBS 61
MAIN_Y/CVBS 67
MAIN_PB/C 65
MAIN_PR 63
PC_R 51
PC_G 49
PC_B 47
PC_HS 45
PC_VS 43

SCL0B 16
SDA0B 15
SL 77
SL 78
SR 73
SR 74
SOS 1
AUDIO MUTE 7
SP MUTE 6
MSP.RESET 5
RST 4
MAIN_SW1 13
MAIN_SW2 12
SUB_SW1 10
SUB_SW2 9
STBY3.3V 8
SUB3.3V 80

TO H2 DG2

STBY_LED 6
G_LED 7
KEY1 9
KEY_EDGE 12
AFC1 13
AFC2 14
AI_SENSOR 10
RM_IN 8
SD_RX 1
SD_TX 2
SD_IRQ 3
SD_RST 4

H/M/MT ONLY

IC4020
GC3FS

X4006
XTALIN 16
XTALOUT 14
SCL1
SCL 65
SDA1
SDA 64
SUB_Y Q4046,Q4054 VIN3 40
SUB_PB Q4043,Q4051 VIN1 30
SUB_PR Q4044,Q4052 VIN2 35
NRST 61

TDI 25
TD0 24
TMS 23
TRST 22
TCK 21
CLK0 94
HPO 73
VPO 72
UBOUT0 I
UBOUT7 85
YGOUT0 84
YGOUT1 83
YGOUT2 80
YGOUT7 74

JTAG_GC5_FS
TD0_FS_4PRO
JTAG_TMS
JTAG_TRST
JTAG_TCK
CLKINA
HSIB
VSIB

YBIN0-9,UBIN0-9

RST
CVBS0
CVBS1
GC_RST

IC4019
10bit A/D(ADV7499)

RESET 76
SCL2 SCLK 82
SDA2 SDA 81

MAIN_Y/CVBS Q4050,Q4058 AIN6 76 A/D 10bit 110MHz
MAIN_PB/C Q4057 AIN5 74 A/D 10bit 110MHz
MAIN_PR Q4056 AIN4 72 A/D 10bit 110MHz
MAIN_CVBS Q4053,Q4055 AIN9 67

MATRIX RGB ->YUV
3D/2D com VPK
CHROMA DEM. COLOUR DETECT
SW

Detection Sync
525i/p
625i/p
720p
1080i
Macrovision
SELF,ID,ED2 NOISE LEVEL

PC_G AIN1 54
PC_B AIN2 56
PC_R AIN3 58
PC_HS HS_IN 96
PC_VS VS_IN 95

SYNC SEPA
CLK

7-10,13,14,81-84 YIN0-YIN9
22-29,41,42 UVIN0-UVIN9
30-33 RIN0-RIN3

CLKINB2
HSIB
VSIB
AP_DE
REFCH_HDMI
TDI
TMS
TCK
TRST
JTAG

NRST
SCL2 SCL
SDA2 SDA
XTAL 98 REFCK_ADV
DCLK_IN 99 CLK0A
LLC1 36 CLKIA
HS 4 HSIA
VS 26 VSIA

PORT-A (ADV7499)
PORT-B (FS&HDMI)
3D Y/C

DIGITAL INPUT I/F

RESIZE MIX NR I/P CONV.

IC4037
GC5

STB1.5V
Q1140,Q1141

IC1110
AVR STB1.5V
VOUT 4 VIN 5

IC1111
STB 3.3V RESET
STBY3.3V
VOUT 5 VIN 1
VDOUT 4 ON/OFF 3
MCU_RST

STBY5V
D1107
SUB5V
D1106

Q1130 Q1134
Q1131 Q1135
EURO TEXT
Q1113,Q1115
Q1114,Q1116
Q1108,Q1111

IC4013
AD 3.3V
MAIN 5V
VIN 8 VOUT 1 CONT 5
AD 3.3V
STBY5V

IC4016
AVR 1.8V
MAIN 3.3V
VDD 1 VOUT 5
1.8V

IC4018
AVR 1.8V
MAIN3.3V
VDD 1 VOUT 5
1.8V

IC4027
MAIN 1.8V
MAIN3.3V
VIN 7 VOUT 1 CONT 5
MAIN1.8V

IC4032
MAIN 1.2V
MAIN1.8V
VIN 8 VOUT 1 CONT 5
MAIN1.2V

IC4035
DDR 2.5V
MAIN3.3V
VIN 8 VOUT 1 CONT 5

IC4029
DLL 2.5V
MAIN3.3V
VIN 1 VOUT 5
DLL 2.5V

IC4030
PLL 3.3V
MAIN5V
VIN 1 VOUT 5
PLL3.3V

IC4038
128M DDR SDRAM
CK
CK
DDR2.5V
A_DDR_CLK
A_DDR_NCLK

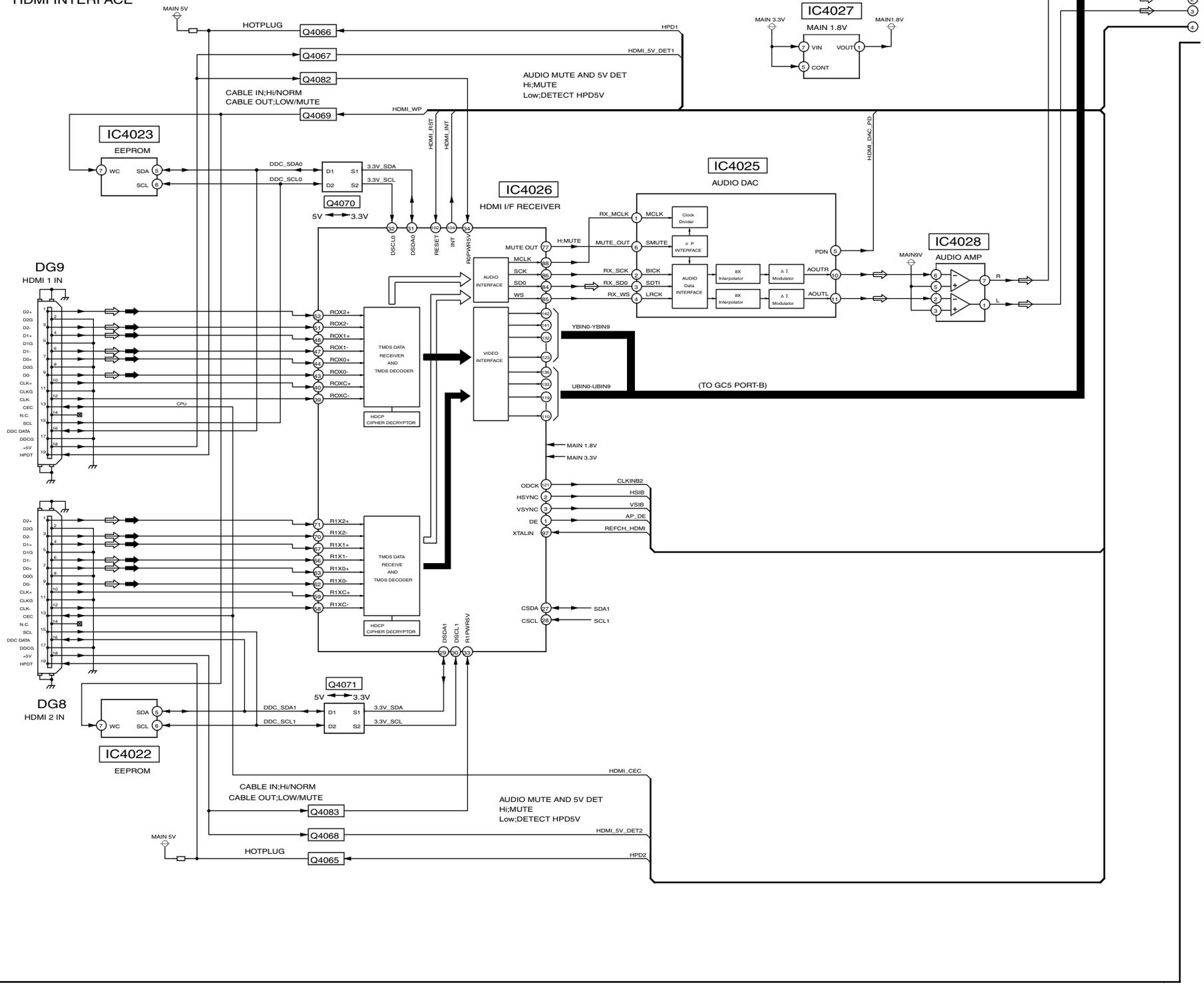
SOS
SL
SR
FAN_SOS
FAN_MAX
TV_SUB_ON
TV_MAIN_ON
SOS
SOUND_SOS
MAIN9V
MAIN5V
SUB9V
SUB5V
MAIN3.3V
MAIN1.8V

DG20 TO PA20
4 SL
2 SR
24 FAN_SOS
25 FAN_MAX
8 TUNER
9 SUB_ON
7 TV_MAIN_ON
6 PA_SOS
40 SOUND_SOS
39 SUB 9V
38 SUB 9V
35 MAIN9V
33 SUB 5V
32 SUB 5V
29 MAIN 5V
28 MAIN 5V
23 MAIN3.3V
22 MAIN3.3V
21 MAIN3.3V
18 MAIN 1.8V
17 MAIN 1.8V

TH-42PV60A/H/M/MT DG-Board (2 of 3) Block Diagram

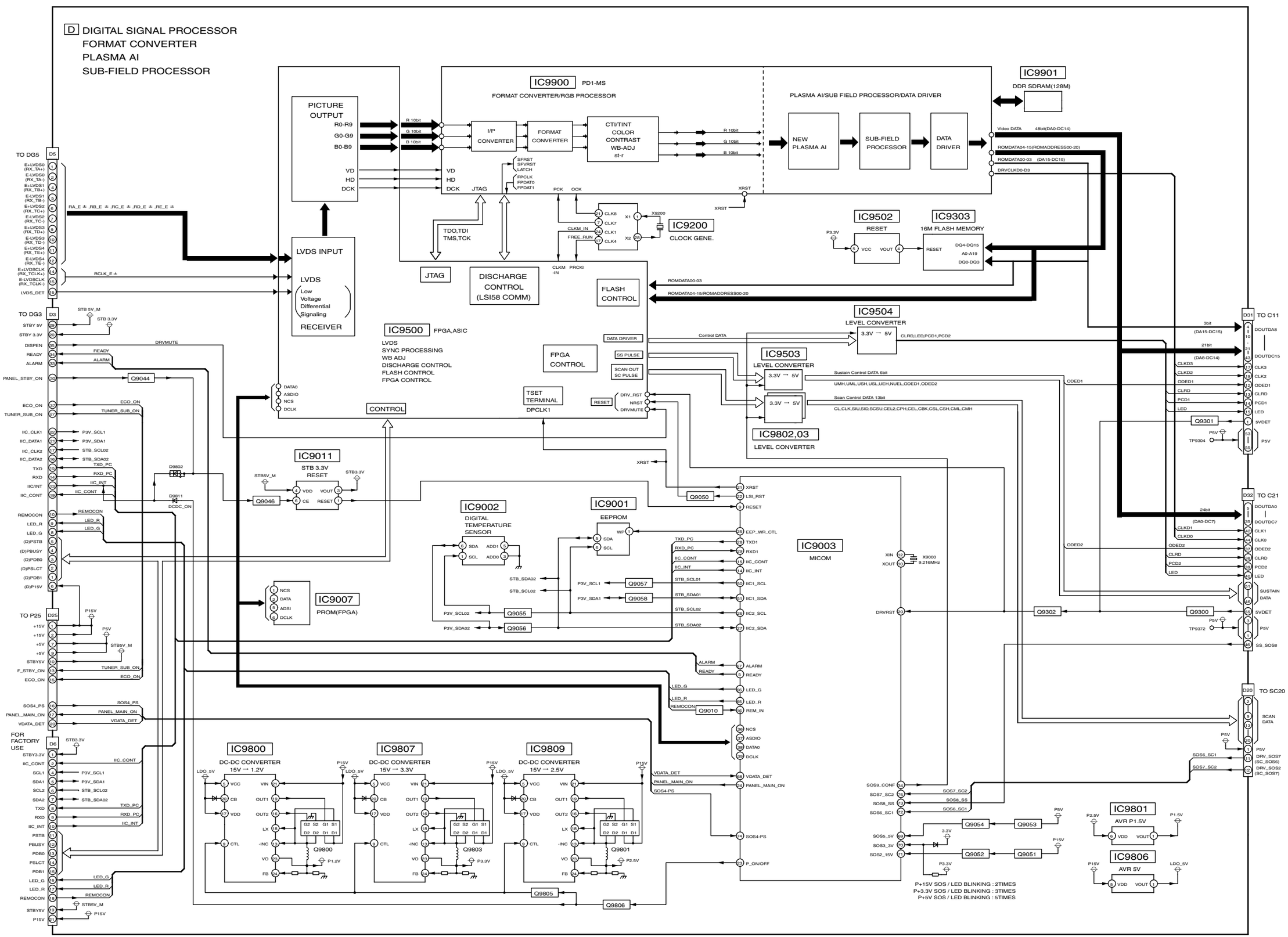
TH-42PV60A/H/M/MT
DG-Board (2 of 3) Block Diagram

DG MICOM,DIGITAL SIGNAL PROCESSOR/
HDMI INTERFACE

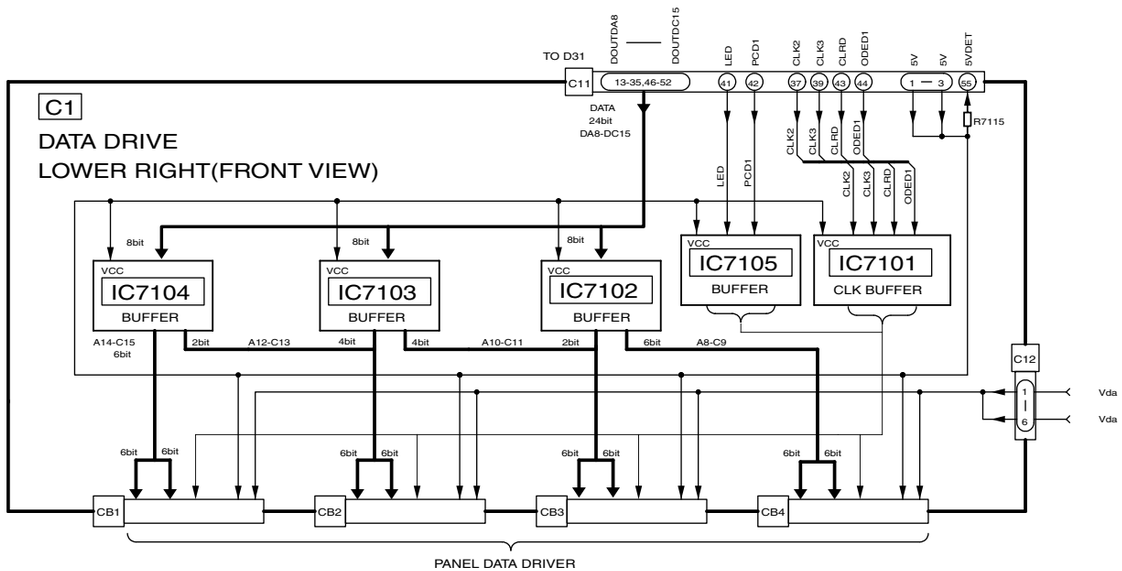


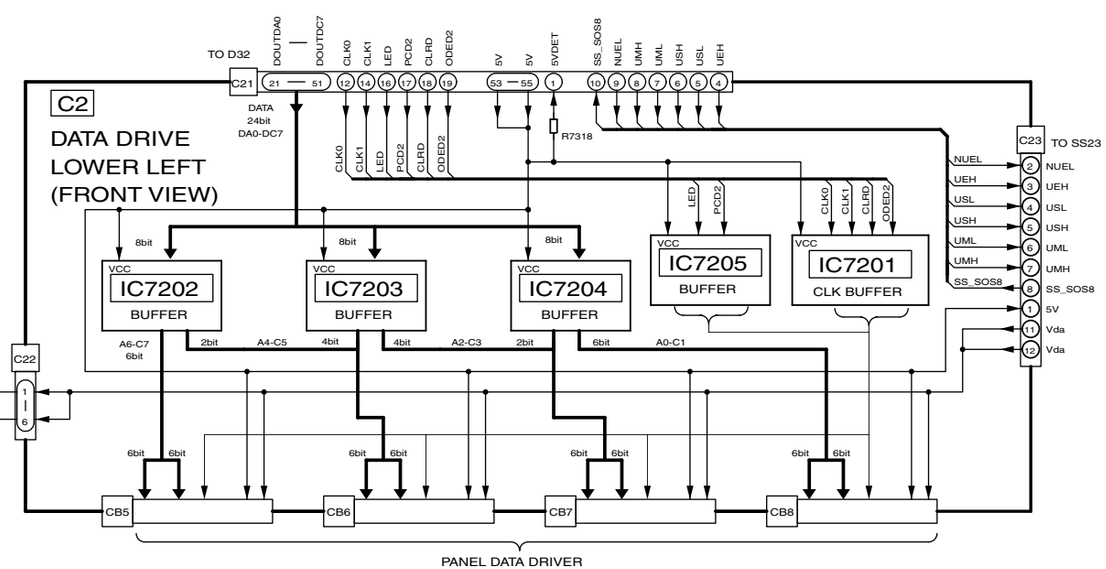
TH-42PV60A/H/M/MT
DG-Board (1 of 3) Block Diagram

D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR



TH-42PV60A/H/M/MT
D-Board Block Diagram





TH-42PV60A/H/M/MT
C1 and C2-Board Block Diagram